PILE NOTE FICES	The state of the s
ntered in NID File	Checked by Chief
carion Map Pinned	Approval Letter Disapproval Letter
COMPLETION DATA:	
ete Well Completed 5/35/	Estion Inspected
TA	Bond released
fA	State or Fee Laud
	LOGS FILED
Driffer's Log Electric Logs (No.)	
	Lat GR-N Micro
SHC Sonfe GR Lat	Mi-L Sonic

Others.

#### SUBMIT IN TRIPLIC (Other instructions of

Form approved. Budget Bureau No. 42-R1425.

# UNITED STATES

					-
5.	LEASE	DESIGNATION	AND	SERIAL	No.

DILL NO OTHER SINGLE SONE SONE SONE SONE SONE SONE SONE SON		DEPARIMEN	I OF THE IN	I ERIOR F		5. LEASE DESIGNATION	AND SERIAL NO.
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK  TYPE OF WORK  DRILL X DEEPEN DEEPEN DIVIDED AND THE TYPE OF WELL  TYPE OF WELL  OAR DOTHER DOTHER DOTHER  OAR DOTHER DOTHER  TO NOTE AGREEMBRY NAME  East Willow Creek  S. MARM OR LEASE NAME  Federal 769  O. WELL NO.  1110 Denver Club Building, Denver, Colorado 80202  10. FIELD AND POOL, OR WILDCAT  WILL CAND SULVEY OR AREA  11. SEC. 33. T.19S-R. 21E  12. GOUNT OR AREA  12. SEC. 33. T.19S-R. 21E  12. GOUNT OR AREA  13. SEC. 33. T.19S-R. 21E  14. SEC. 33. T.19S-R. 21E  15. GOUNT OR AREA  16. NO. OF ACRES IN LEASE  TO HAMBER TO BE AND DOTHER DOTHER  DISTANCE FROM PROPOSED LOCATION*  ON MARKET WELL, DRILLING, COMPLETED  ON MARKET WELL, DRILLING, COMPLETED  OAR DOTHER DOTHER  DISTANCE FROM PROPOSED LOCATION*  ON MARKET WELL, DRILLING, COMPLETED  OAR DOTHER FROM PROPOSED LOCATION*  ON MARKET WELL, DRILLING, COMPLETED  A 195'  DISTANCE FOR HOLE  BIES OF ROLE  BIES OF CASING WEIGHT FER FOOT SETTING DEPTH QUANTITY OF CREENT  12-1/4 8-5/8 24# 200' 180 SX (to surface)  6-3/4 4-1/2 9.5# 4195' 200 SX  EX. APPROX. DATE WORK WILL START*  OAN DEPTH OAT DATE WORK WILL START*  OAT DATE OF ACRES IN LEASE  TO WARRED WORK WILL START*  OAT DATE OF ACRES IN LEASE  TO WARRED WORK WILL START*  OAT DATE OF ACRES IN LEASE  TO WARRED WORK WILL START*  OAT DATE OF ACRES IN LEASE  TO WARRED WORK WILL START*  OAT DATE OF ACRES IN LEASE  TO WARRED WORK WILL START*  OAT DATE OF ACRES IN LEASE  TO WARRED WORK WILL START*  OAT DATE OF ACRES IN LEASE  TO WARRED WORK WILL START*  OAT DATE OF ACRES IN LEASE  TO WARRED WORK WILL START*  OAT DATE OF ACRES IN LEASE  TO WARRED WORK WILL START*  OAT DATE OF ACRES IN LEASE  TO WITH ACRES OF ACRES IN LEASE  TO WARRED WORK WILL START IN THE WOR		GEOLO	GICAL SURVEY			U-0149769	
DRILL XX DEEPEN DEEPEN DIVISION AND COMPANY AND COMPAN		Y FOR PERMIT	TO DRILL, DE	EPEN, OR PLUG	BACK	6. IF INDIAN, ALLOTTE	E OR TRIBE NAME
TYPE OW WELL    CASE   WILL   OTHER   SINGLE   MULTIPLE   S. FARM OF LEASE NAME		III XX	DEEDEN	DI LIG D	ACK []	7. UNIT AGREEMENT I	AME
MAND OF OPERATOR  The Anschutz Corporation  AND OF OPERATOR  110 Denver Club Building, Denver, Colorado 80202  1110 Denver Club Building, Denver, Colorado 80202  1110 Denver Club Building, Denver, Colorado 80202  1110 Denver Club Building, Denver, Colorado 80202  1126 FSL, 2259 FEL, SW SE Sec. 33  At proposed prof. Tone  Same  DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*  124 miles from Thompson, Utah (Exhibit "E")  DISTANCE FROM PROPOSED*  LOCATION TO MEAREST TOWN OR POST OFFICE*  125 COUNTY OR PRANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*  126 No. OF ACRES IN LEASE  TO THIS WELL  Like to nearest drig, until line. It any) 1296' FSL 1380, 87 160 A  DISTANCE FROM PROPOSED LOCATION*  ON APPLEAD FOR, ON THIS LEASE, FL.  3.3 miles 4195'  ROTATY  LEVATIONS (Show whether DF. RT. GR. etc.)  6065' ungraded ground elevation, 6075' KB  PROPOSED CASING AND CEMENTING PROGRAM  SIZE OF MOLE SIZE OF CASINO WIGHT PER FOOT SETTING DEPTH QUANTITY OF CEMENT  12-1/4 8-5/8 24# 200' 180 SX (to surface)  6-3/4 4-1/2 9.5# 4195' 200  Exhibit Attached  "A" Location and Elevation Plat  "B" The Ten-Point Compliance Program "C" The Blow-out Preventer Diagram "C" The Multi-point Requirement for A.P.D. "H" Drill Rig Layout "I" Production Facility Layout It is planned to test the sands in the Dakota, Cedar Mountain, Morrison and Saltwash	TYPE OF WELL	166 4629		redo b	ACK L	Fact Willow	Crook
The Anschutz Corporation  The Anschutz Corporation  The Anschutz Corporation  1110 Denver Club Building, Denver, Colorado 80202  10. Field and Pool, Or Wilder Wilder Wilder Corporation  126 FSL, 2259 FEL, SW SE Sec. 33  At proposed prof. Sone  Same  DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR FOST OFFICE*  24 miles from Thompson, Utah (Exhibit "E")  DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR FOST OFFICE*  24 miles from Thompson, Utah (Exhibit "E")  DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR FOST OFFICE*  15. No. OF ACRES IN LEASE  PROPERTY OR LEASE LINE, FT. (Also to PARCES IN LEASE  TO PLAKEST WILL, DEAD COLORDS  TO PLAKE STATE  TO PLAKE WILL, DEAD COLORDS  TO PLAKE WILL, DEAD COLORD						8. FARM OR LEASE NA	ME
1110 Denver Club Building, Denver, Colorado 80202   10. FIELD AND FOOL, OR WILDCAT	NAME OF OPERATOR					-   Federal 769	
1110 Denver Club Building, Denver, Colorado 80202  100 FISL, 2259 FEL, SW SE Sec. 33  At proposed prod some FSL, 2259 FEL, SW SE Sec. 32  At proposed prod some FSL, 2259 FEL, SW SE Sec. 32  At proposed prod some FSL, 2259 FEL, SW SE Sec. 32  At proposed prod some FSL, 2259 FEL, 2250 FEL, 225	The Ansc	hutz Corporatio	n	4		9. WELL NO.	
At surface 1294 FSL, 2259 FEL, SW SE Sec. 33  At proposed prod. Sone 2-2-3  At proposed prod. Sone 3-2-3  At proposed prod. Sone 5-2-3  At proposed prod. So	ADDRESS OF OPERATOR					2	1
Wildcat   11. BEC., 2.259   FEL, SW SE Sec. 33   Wildcat   11. BEC., 2. B.M. M., OR BLE.   AND SURVEY OR AREA	1110 Den	ver Club Buildi	ng, Denver, (	Colorado 80202		10. FIELD AND POOL,	DR WILDCAT
At proposed prod. Sone  Same  DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR FOST OFFICE*  24 miles from Thompson, Utah (Exhibit "E")  DISTANCE FROM PROPOSED*  24 miles from Thompson, Utah (Exhibit "E")  DISTANCE FROM PROPOSED*  25 miles from Thompson, Utah (Exhibit "E")  DISTANCE FROM PROPOSED*  PROPOSED LEAST LINE, FT.  (Also to nearest drig. unit line, if any) 1296' FSL 13.80.87  DISTANCE FROM PROPOSED LOCATION*  TO NEAREST WELL, DRILLING, COMPLETED, or AFFILE TOWN OR FOST OFFICE*  19. PROPOSED DEPTH 20. MOTHER LEASE, FT. 3.3 miles 4195'  ROTATION ON THIS LEASE, FT. 3.3 miles 4195'  ROTATION CABLE TOOLS  ROTATION CABLE TOOLS  ROTATION CABLE WORK WILL START*  22. APPROX. DATE WORK WILL START*  22. APPROX. DATE WORK WILL START*  23. APPROX. DATE WORK WILL START*  24. APPROX. DATE WORK WILL START*  PROPOSED CASING AND CEMENTING PROGRAM  BIES OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH QUANTITY OF CEMENT  12-1/4 8-5/8 24# 200' 180 sx (to surface)  6-3/4 4-1/2 9.5# 4195' 200 sx   Exhibit Attached  "A" Location and Elevation Plat "F"  The Ten-Point Compliance Program "C"  "B" The Ten-Point Compliance Program "C"  "C" The Blow-out Preventer Diagram "C"  "C" The Blow-out Preventer Diagram "C"  "T" DTill Rig Layout  "H" DTill Rig Layout  "T" Production Facility Layout  III is planned to test the sands in the Dakota, Cedar Mountain, Morrison and Saltwash	LOCATION OF WELL (R At surface	eport location clearly and	in accordance with a	any State requirements.*)		Wildcat	
Same  DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*  24 miles from Thompson, Utah (Exhibit "E")  DISTANCE FROM PRODUCED*  24 miles from Thompson, Utah (Exhibit "E")  DISTANCE FROM PROPOSED*  16. NO. OF ACRES IN LEASE  PROPOSED LOCATION*  TO NEAREST  PROPERTY OR LEASE LINE, FT.  (Also to rearest drig. untilline, if any)  DISTANCE FROM PROPOSED LOCATION*  TO NEAREST  PROPOSED LOCATION*  TO NEAREST  PROPOSED LOCATION*  TO NEAREST  1380.87  160 A  17. Ma. OF ACRES ASSIGNED  TO THIS WELL.  160 A  17. Ma. OF ACRES ASSIGNED  TO THIS WELL.  160 A  17. Ma. OF ACRES ASSIGNED  TO THIS WELL.  160 A  17. Ma. OF ACRES ASSIGNED  TO THIS WELL.  160 A  17. Ma. OF ACRES ASSIGNED  TO THIS WELL.  160 A  160	1236	FSL, 2259 FEL	, SW SE Sec.	33		11. SEC., T., R., M., OR	BLK.
DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*  24 miles from Thompson, Utah (Exhibit "E")  DISTANCE FROM FROPOSED*  CA miles from Thompson, Utah (Exhibit "E")  DISTANCE FROM FROPOSED*  FROM FROPOSED   16. NO. OF ACRES IN LEASE   17. MB. OF ACRES ASSIGNED FROM THE POST HIS WELL OF ACRES ASSIGNED FROM FROM FROM FROM FROM FROM FROM FROM	At proposed prod. zon	ie 2233				2.00 502.21 02 2	
24 miles from Thompson, Utah (Exhibit "E")  DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROM PROPOSED* LOCATION TO NEAREST PROPERTY ON LEASE LINE, PT. (Also to nearest drig. unit line, if any) DISTANCE PROM PROPOSED* LOCATION TO NEAREST PROPERTY ON LEASE LINE, PT. (Also to nearest drig. unit line, if any) TO NEAREST WELL, DRILLING, COMPLETED, TO NEAREST TOWN THE WELL  19. PROPOSED DEFTH  20. METARY OR CALE THIS WELL  16. NO. OF ACRES IN LEASE  17. MB. OF ACRES ASSIGNED  20. METARY OR CALE THIS WELL  16. OA THIS WELL  16. NO. OF ACRES IN LEASE  17. MB. OF ACRES ASSIGNED  20. METARY OR CALE THIS WELL  16. OA THIS WELL  16. NO. OF ACRES IN LEASE  17. MB. OF ACRES ASSIGNED  20. METARY OR CALE THIS WELL  16. OA THIS WEL						Sec. 33. T.19	S-R. 21E
DISTANCE FROM PROPOSED* LOCATION TO NAMEST PROPERTY OR LEASE LINE, FT. (Also to nearest drig, but line, if any) 1296' FSL 1380.87 160 A  DISTANCE FROM PROPOSED LOCATION* TO NAMEST VELL, DELLINE, COMPLETED, OR APPILLED FOR, ON THIS LEASE, FT. 3.3 miles 4195' ROTARY  ELEVATIONS (Show whether DF, RT, GR, etc.) 22. APPROX. DATE WORK WILL START*  6065' ungraded ground elevation, 6075' KB  PROPOSED CASING AND CEMENTING PROGRAM  SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH QUANTITY OF CEMENT 12-1/4 8-5/8 24# 200' 180 sx (to surface) 6-3/4 4-1/2 9.5# 4195' 200 sx  Exhibit Attached  "A" Location and Elevation Plat  "B" The Ten-Point Compliance Program  "C" The Blow-out Preventer Diagram  "C" The Blow-out Preventer Diagram  "C" The Multi-point Requirement for A.P.D.  "E" Access Road Map into Location  "I" Production Facility Layout  It is planned to test the sands in the Dakota, Cedar Mountain, Morrison and Saltwash	. DISTANCE IN MILES .	AND DIRECTION FROM NEA	REST TOWN OR POST OF	FFICE*		12. COUNTY OR PARISH	13. STATE
LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.  (Also to nearest drig. unit line, if any) 1296' FSL 1380.87 160 A  DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 3.3 miles 4195' ROTATION CABLE TOOLS  RELEVATIONS (Show whether DF, RT, GR, etc.)  FROPOSED CASING AND CEMENTING PROGRAM  SIZE OF HOLE SIZE OF CASING WEIGHT PER FOOT SETTING DEPTH QUANTITY OF CEMENT 12-1/4 8-5/8 24# 200' 180 sx (to surface)  6-3/4 4-1/2 9.5# 4195' 200 sx  Exhibit Attached  "A" Location and Elevation Plat "F" Radius Map of Wells In Area "B" The Ten-Point Compliance Program "G" Drill Pad Layout, Contours, "C" The Blow-out Preventer Diagram "G" Drill Rig Layout  "D" The Multi-point Requirement for A.P.D. "H" Drill Rig Layout  "E" Access Road Map into Location "I" Production Facility Layout  It is planned to test the sands in the Dakota, Cedar Mountain, Morrison and Saltwash	24 miles	from Thompson,	Utah (Exhibi	lt "E")		Grand	Utah
Calso to nearest drig, out line, if any   1296' FSL   1380.87   160 A	LOCATION TO NEAREST	r	16	8. NO. OF ACRES IN LEASE			
DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, BUILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  3.3 miles  4195'  ROTARY OR CABLE TOOLS  ROTARY OR CA	PROPERTY OR LEASE I	INE, FT. g. unit line, if any)	1296' FSL	1380.87			
SIZE OF HOLE   SIZE OF CASING   WEIGHT PER FOOT   SETTING DEPTH   QUANTITY OF CEMENT	. DISTANCE FROM PROP	OSED LOCATION*		9. PROPOSED DEPTH	20. moz		
### SIZE OF HOLE   SIZE OF CASING   WEIGHT PER FOOT   SETTING DEPTH   QUANTITY OF CEMENT    ### 12-1/4   8-5/8   24#   200'   180 sx (to surface)    ### 6-3/4   4-1/2   9.5#   4195'   200 sx    ### Location and Elevation Plat   "F"   Radius Map of Wells In Area    ### The Ten-Point Compliance Program   "G"   Drill Pad Layout, Contours,    ### "Cut-Fill Section   "I"   Production Facility Layout    ### Access Road Map into Location   "I"   Production Facility Layout    ### It is planned to test the sands in the Dakota, Cedar Mountain, Morrison and Saltwash	OR APPLIED FOR, ON THE	IS LEASE, FT.	.3 miles	4195'	R	otarv	·
### PROPOSED CASING AND CEMENTING PROGRAM    SIZE OF HOLE	ELEVATIONS (Show who	ether DF, RT, GR, etc.)	-			22. APPROX. DATE WO	RK WILL START*
### PROPOSED CASING AND CEMENTING PROGRAM    SIZE OF HOLE	6065'	ungraded ground	d elevation,	6075' KB			
12-1/4   8-5/8   24#   200'   180 sx (to surface)     6-3/4   4-1/2   9.5#   4195'   200 sx     Exhibit Attached   "A" Location and Elevation Plat   "F" Radius Map of Wells In Area   "B" The Ten-Point Compliance Program   "G" Drill Pad Layout, Contours,   "C" The Blow-out Preventer Diagram   "Cut-Fill Section   "D" The Multi-point Requirement for A.P.D.   "H" Drill Rig Layout   "E" Access Road Map into Location   "I" Production Facility Layout   It is planned to test the sands in the Dakota, Cedar Mountain, Morrison and Saltwash					RAM		
Exhibit Attached "A" Location and Elevation Plat "B" The Ten-Point Compliance Program "C" The Blow-out Preventer Diagram "D" The Multi-point Requirement for A.P.D. "E" Access Road Map into Location "I" Production Facility Layout It is planned to test the sands in the Dakota, Cedar Mountain, Morrison and Saltwash	SIZE OF HOLE	BIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH		QUANTITY OF CEME	NT
Exhibit Attached "A" Location and Elevation Plat "B" The Ten-Point Compliance Program "C" The Blow-out Preventer Diagram "D" The Multi-point Requirement for A.P.D. "E" Access Road Map into Location "I" Production Facility Layout It is planned to test the sands in the Dakota, Cedar Mountain, Morrison and Saltwash	12-1/4	8-5/8	24非	200'	18	30 sx (to surfa	ce)
"A" Location and Elevation Plat "B" The Ten-Point Compliance Program "C" The Blow-out Preventer Diagram "D" The Multi-point Requirement for A.P.D. "E" Access Road Map into Location "It is planned to test the sands in the Dakota, Cedar Mountain, Morrison and Saltwash	6-3/4	4-1/2	9.5#	4195'	20	00 sx	
"A" Location and Elevation Plat "B" The Ten-Point Compliance Program "C" The Blow-out Preventer Diagram "D" The Multi-point Requirement for A.P.D. "E" Access Road Map into Location "It is planned to test the sands in the Dakota, Cedar Mountain, Morrison and Saltwash		•		•		•	
"A" Location and Elevation Plat "B" The Ten-Point Compliance Program "C" The Blow-out Preventer Diagram "D" The Multi-point Requirement for A.P.D. "E" Access Road Map into Location "It is planned to test the sands in the Dakota, Cedar Mountain, Morrison and Saltwash		i		1	i		
"B" The Ten-Point Compliance Program "C" The Blow-out Preventer Diagram "D" The Multi-point Requirement for A.P.D. "E" Access Road Map into Location "I" Production Facility Layout It is planned to test the sands in the Dakota, Cedar Mountain, Morrison and Saltwash							
"C" The Blow-out Preventer Diagram "D" The Multi-point Requirement for A.P.D. "E" Access Road Map into Location "I" Production Facility Layout "It is planned to test the sands in the Dakota, Cedar Mountain, Morrison and Saltwash		ı and Elevation	Plat		+	lius Map of Wel	ls In Area
"D" The Multi-point Requirement for A.P.D. "E" Access Road Map into Location "I" Production Facility Layout It is planned to test the sands in the Dakota, Cedar Mountain, Morrison and Saltwash		· •	_	!	"G" Dri	ill Pad Layout,	Contours,
"E" Access Road Map into Location "I" Production Facility Layout  It is planned to test the sands in the Dakota, Cedar Mountain, Morrison and Saltwash			_		Cui	-Fill Section	
It is planned to test the sands in the Dakota, Cedar Mountain, Morrison and Saltwash		:i-point Require	ement for A.P	.D.	"H" Dri	ill Rig Ļayout	
	"E" Access F	load Map into Lo	ocation	1	''I'' Pro	duction Facili	ty Layout
ionmations. These werrs will be air drifted, mudding up it mecessary. Gas zones	"D" The Mult "E" Access F It is planned	ci-point Require Road Map into Lo I to test the sa	ement for A.P ocation ands in the D	akota, Cedar Mo	"H" <b>Dr</b> i "I" <b>Pr</b> o unta <b>i</b> m,	ill Rig Layout oduction Facili Morrison and S	altwash
encountered will be checked for volume through 2" lines off the casing head after the							

pipe rams have been closed. The blooie line of at least 100" in length will extend from the rotating head into the reserve pit. A flare will be maintained at the end of blooie line at all times while drilling below 1000'. In the event of commercial production, 4-1/2" casing will be set and cemented to 250' above the top of the Dakota formation.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive

zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout

reventer program, it any.		
signed W. Lee Kuhre W. Lee Kuhre	TITLE Operations Coordinator	March 28, 1978
(This space for Federal or State office use)		
PERMIT NO.	APPROVAL DATE	,
(ORIG. SGD.) E. W. GUYNN	DISTRICT ENGINEER	MAY 0.5 1978

CONDITIONS OF APPROVAL, IF ANY: NOTICE OF APPROVAL

(ORIG. SGD.) E. W. GUYNN

State of Utah, Department of Natural Resources Division of Oil, Gas, and Mining

DATE MAY 0 5 1978

State O+G

APPROVED BY

\*See Instructions Of Revenue Side Temple Sait Lake City, Utah 84116

### United States Department of the Interior Geological Survey 8440 Federal Building Salt Lake City, Utah 84138

Usual Environmental Analysis .

Lease No. <u>U-0149769</u>	
Operator Anschutz Corporati	on Well No2
	Sec. <u>33</u>
County Grand State	e <u>Utah</u> Field <u>Wildcat</u>
Status: Surface Ownership A	Well Site - Public ccess road-Pyt. Minerals <u>Public</u>
Joint Field Inspection Date	
Participants and Organization	is:
Lee Kuhre	Anschutz Corp.
Rocky Curnutt	BLM
Mr. Stanton	Dirt Contractor
John Evans	USGS
•	
Related Environmental Analyse	s and References:
(1) Book Mountain Unit Resour	rce Analysis, Bureau of Land Management, Moab, U
(2) Grand Resource Area Oil a	and Gas EAR, Bureau of Land Management, Utah
(3) EIA #887, 618, 616, 561,	897, USGS Salt Lake City, Utah
Analysis Prepared by:	John T. Evans Environmental Scientist Salt Lake City, Utah
Date <u>May 5, 1978</u>	•

_			
Pro	posed	Act	·ion ·
	poseu	nu	

The operator submitted an Application for Permit to Drill, Form 9-331C, on MAR 30,1978 with a 10-Point Drilling and 13-Point Surface Use Programs which are on file with the U.S.G.S., Oil and Gas Operations, Salt Lake City, Utah.

The operator proposes to drill a gas test well with rotary tools to about 4195 feet T.D. to explore and develop potential hydrocarbon reserves in the Dakota, Cedar Montain, Morrison And Saltwash formations.

The Anschutz Corporation PROPOSES TO DRILL AN OIL AND	
The Anschutz Corporation PROPOSES TO DRILL AN OIL AND  (COMPANY)  GAS TEST WELL WITH ROTARY TOOLS TO ABOUT 4195 FT. TD. 2) TO CONSTRUCT A	
DRILL PAD 200 FT. X 150 FT. AND A RESERVE PIT 100 FT. X 100 FT.	N.
3) TO CONSTRUCT 25 FT. WIDE X 0.25 MILES ACCESS ROAD AND UPGRADE 25	
FT. WIDE X 2.5 MILES ACCESS ROAD FROM AN EXISTING AND IMPROVED ROAD. TO CONSTR	UCT
GAS OIL PRODUCTION FACILITIES ON THE DISTURBED AREA FOR THE DRILL PAD,	

If production is established, plans for a gas flow line will be submitted to the appropriate agencies for approval. The anticipated starting date is MAY 1,1978 and duration of drilling activities would be about 20 days.

Noair strips, camps, or other him	of facilities will be	built.
		· · · · · · · · · · · · · · · · · · ·
Note: Expiring Lease -	Rush -	
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		<del></del>
		·

LOCATION AND NATURAL SETTING (EXISTING ENVIRONMENTAL SITUATION).	
TOPOGRAPHY: TOPOGRAPHY DESERT DESERT OR PLAINS STEEP CANYON SIDES NARROW CANYON FLOORS DEEP DRAINAGE	
IN AREA SURFACE WATER Surface water from runoff & natural	
Spring Discharge Proposed Location on sandstone bouch off	<b>-</b>
of Branch of Right hand Canyon. Slope of Rim of Book Cliff now!	<u></u> ۱۳۶۰
Area is interlaced with conjous & ridges which are extremely steep with	
House numerous ledges formed w sandstones, conglomerates, and shale dejo	sts,
Geology:	
MANCES formation at Surface, well location has	
this layer of nancos & Castlegate Sandstones.	
Fresh water zones are not expected. Seepage from	<del></del>
Crakes and fissures are a source of Ground water.	
The cause of those springs is due to different	
in parambality.	
No other mineral zones one anticipated.	
No troum er	
Classed as zone #1 earthquake potenties (rimor). (Reference #1)	<del></del>

The state of

Approval of the proposed ction would be conditioned that adequate and sufficient electric/radioactive/density logging surveys would be made to locate and identify any potential mineral resources. Production casing and cementing would be adjusted to assure no influence of the hydrocarbon zones through the well bore on these minerals. In the event the well is abandoned, cement plugs will be placed with drilling fluid in the hole to assure protection

of any mineral resources.

The potential for loss of circulation would exist and is possible in the sandstone units.

Loss of circulation may result in the lowering of the mud levels, which might permit exposed upper formations to blow out or to cause formation to slough and stick to drill pipe. A loss of circulation would result in contamination due to the introduction of drilling muds, mud chemicals, filler materials, and water deep into the permeable zone, fissures, fractures, and caverns within the formation in which fluid loss is occurring. The use of special drilling techniques, drilling muds, and lost circulation materials may be effective in controlling lost circulation.

A geologic review of the proposed action has been furnished by the area geologist, the U.S. Geological Survey, Salt Lake City, Utah.

The operator's drilling, cementing, casing and blowout prevention .programs have been reviewed by the Geological Survey engineers and determined to be adequate.

No detailed soil survey has been made of the project area. The top soils in the area range from a sandy clay to a clay type soil. The soil is subject to runoff from rainfall and has a high runoff potential and sediment production would be high. The soils are mildly to moderately alkaline and support the salt-desert shrub community. The piñon, juniper association is also present.

Top soil would be removed from the surface and stockpiled. The soil would be spread over the surface of disturbed areas when abandoned to aid in rehabilitation of the surface. Rehabilitation is necessary to prevent erosion and encroachment of undesired species on the disturbed areas. The operator proposes to rehabilitate the location and access roads per the recommendations of the Bureau of Land Management.

Approximately three acres of land would be stripped of vegetation.

This would increase the erosional potential. Proper construction

practice, construction of water bars, reseeding of slope-cut area would

minimize this impact.

			. =		~~			
	Soils are	classed of	e type	#69,	San-lan	d Rock	Land	
	osocietie	m. (Refere	nce #2)	,				
			,					
<del></del>							•	
<del> </del>	<del>an e-angles, and a constant of the state of</del>					· · ·		
	4							<u>-</u>
				,				

No specific data on air quality is available at the proposed location; however, data from the White River Shale Project infers that the existing air quality relative to federal Ambient Air Quality Standards is good. There would be a minor increase in air pollution due to emmissions from rig and support traffic engines. Particulate matter would increase due to dust from travel over unpaved dirt roads. The potential for increased air pollution due to leaks, spills, and fire would be possible.

- air pollution from Rig & support engines is short teem
and Judged to be MINOR. The potential for significant aga
pollation thru mes leaks & Spills:
pollution ) più ne peacs & spiris;
0 = 0 11 cal la la la modestadization + population.
Air Quality good due to Low industridization + population.  Air Triversions common at cisco - usually short term.
DIR THREISIBMS ERMINON AT CISCO - COMMING DIRECT TEXT

### Precipitation:

Annual rain fall should range from about 8 to 11" at the proposed location. The majority of the numerous drainages in the surrounding area are of a non-perennial nature flowing only during early spring runoff and during extremely heavy rain storms. This type of storm is rather uncommon as the normal annual precipitation is around 8".

S	ur	fa	ce	Wa	ter	Hye	dro	logy:
_		_				×_		

Drainage is from Right-broad Cawyou then to Bull Cawyor!
All drawage is sub drawinge elements of the Colorado River,
Some increase for in sediment possetts LOAD from errosion possible
to Colorado river.
All drawage is non-perennial except what seepage exists
from springs. Flows vormal early spring funvoff & heavy
(aii) storms.

 $\label{the proposed project should have minor impact on the surface water systems. \\$ 

The potentials of pollution of would be present from leaks or spills. The operator is required to report and clean-up all spills or leaks.

Ground	Water	Hydro1	ogy:

Some minor pollution of ground water systems would occur with the introduction of drilling fluids (filltrate) into the aquifer. This is normal and unavoidable during rotary drilling operations. The potential for communication, contamination and commingling of formations via the well bore would be possible. The drilling program is designed to prevent this. There is need for more data on hydrologic systems in the area and the drilling of this well may provide some basis information as all shows of fresh water would be reported. Water production with the gas would require disposal of produced water per the requirements of NTL-2B.

. Pits would be lived to prevent containmention to springs.
in area. Springs energe adorg Carron walls and are
generally "contact" Springs, Vater quality is not Known
but suitable for Stock & wild life.
•
VEGETATION: SAGEBRUSH PINION-JUNIPER PINE/FIR FARMLAND
(CULTIVATED) NATIVE GRASSES X OTHER Loco Weed"
Species. Several unidentified forbs were in bloom on
socies sough unidentified forbs were in bloom on
Location.
Loca Tien.
•

Plants in the area\_re of the salt-desert-shrub tytograding to the piñon-juniper association.

Proposed action would remove about 2 acres of vegetation. Removal of vegetation would increase the erosional potential and there would be a minor decrease in the amount of vegetation available for grazing.

The operator proposes to rehabilitate the surface upon completion of operations.

MAMMA	WILL BIRI	DLIFE:	DEEP DEEP DEEP DEEP DEEP	ANTEL	OPE OTHE	ELK BE	EAR X SMA	<u>.                                    </u>
			1		·			
•			•	•	. •			
						/		
	•							
					· · · · · · · · · · · · · · · · · · ·			•
•							•	·
						·		

Animal and plant inventory has been made by the BLM. No endangered plants or animals are known to habitat on the project area. The fauna of the area consists predominantly of the mule deer, coyotes, rabbits, and varieties of small ground squirrels and other types of rodents and various types of reptiles. The area is used by man for the primary purpose of grazing domestic livestock and sheep.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

An on the ground surface archaeological reconnaissance would be required prior to approval of the proposed action. Appropriate clearances would then be obtained from the surface managing agency. If a historic artifact, an archaeological feature or site is discovered during construction operations; activity would cease until the extend, the scientific importance, and the method of mitigating the adverse effects could be determined by a qualified cultural resource specialist.

The economic effect of one well would be difficult to determine. The overall effect of oil and gas drilling and production activity are significant in Grand County, Utach. There are no occupied dwellings or other facilities of this nature in the general area. Minor distractions from aesthetics would occur over the lifetime of the project and is judged to be minor. All permanent facilities placed on the location would be painted light sand color to blend in with the natural environment. Present use of the area is grazing, recreation, and oil and gas activities.

Noise from the drilling operation may temporarily disturb wildlife and people in the area; however, noise would subside upon completion of drilling activities to near pre-drilling levels.

Verbal	Clearance c	quen for	起。	rihacologia	al dett	ex from BLM
	w. 5-5-7	J .	•		-	
		7				

### Adverse Environmental Fffects Which Cannot Be Avoided:

Surface disturbance and removal of vegetation from approximately acres of land surface for the lifetime of the project which would result in increased and accelerated erosional potential. Grazing would be eliminated in the disturbed areas and there would be a minor and tempory disturbance of wildlife and livestock. Minor induced air pollution due to exhaust emmissions from rig engines of support traffic engines would occur. Minor increase in dust pollution would occur due to vehicular traffic associated with the operation. If the well is a gas producer, additional surface disturbance would be required to install production pipelines. potential for fires, leaks, spills of gas, oil or water would exist. During the construction and drilling phases of the project, noise levels would increase. Potential for sub-surface damage to fresh water aquifers and other geologic formations exists. Minor distractions from aesthetics during the lifetime of the project would exist. If the well is a producer, an irreplacable and irretrievable committment of resources would be made. Erosion from the site would eventually be carried as sediment in the colorado River. The potential for pollution to the Colorado Rucewould exist through leaks and spills.

Pollution to Suface vater would be rare due	to the
distance from River or live water,	
	<del></del>

MINING INDUSTRIAL RESIDENTIAL OIL & GAS OPERATIONS
Proposed Action Should have minor or no effect on
Land 45e,
4. Alternatives to the Proposed Action
1) NOT APPROVING THE PROPOSED PERMIT THE OIL AND GAS LEASE GRANTS THE ' LESSEE EXCLUSIVE RIGHT TO DRILL FOR, MINE, EXTRACT, REMOVE AND DISPOSE OF ALL OIL AND GAS DEPOSITS.
2) Deny the proposed permit and suggest an alternate location to minimize Environmental impacts. No alternate location on this lease would justify this
ACTION.
3) LOCATION WAS MOVED 50'N 67° E TO AVOID  LARGE SIDEHILL CUTS NATURAL DRAINAGE X OTHER Visual import and  provide better place for pts - Less charce for leakage -

•

#### Determination:

This requested action does not constitute a major Federal action significantly affecting the environment in the sense of NEPA, Sec. 102(2)(C).

District Engineer
U. S. Geological Survey
Conservation Division
Oil and Gas Operations Salt Lake City District

FRO	M: District Ge	ologist, Salt Lake City, Utah		
TO:	District En	gineer, Salt Lake City, Utah	Lease No. (	10149769
. SUB	JECT: APD supplem	ental stipulations	•	
Y- Wel				
	Formation	Depth	Formation	Depth
•	Front votos ancie	ers likely to be present belo	o gurfaco coning? Voc	No. 1
2.	If yes: Surface	casing program may require ad a depth of approximately	justment for protection	of fresh
3.	Does operator not No If not: for hydrocarbons:	e all prospectively valuable of the following additional hor	oil and gas horizons? I	Tes, 7 logged
	Unit	Depth	Unit	Depth
4.		e minerals present? Yes, *) will be run through the	e '	**
	will be run throu	beds. 2. Logs gh the et to adequately locate and in	o adequately locate and (** at approximate dentify anticipated	te depths of
	·	*) v  ** at approximate depths of f  fy anticipated	to feet to a beds.	adequately
5.	Any potential protemperature, pres	blems that should be brought sure, incompetent beds, H <sub>2</sub> S)?	to operators attention (Yes, No If y	(e.g. abnormal ves, what?
6.	References and re	1		•
		marks:		

Date: 4-14-78

Ri 30 CFR 221.20 requires well s' 1 not be drilled commer than 200 ft. from the lease boundary or 200 ft. from any legal sub-division without adequate reasons or consent.

District Oil and Gas Engineer U. S. Geological Survey Conservation Division 8440 Federal Building Salt Lake City, Utah 84138

Re: Stipulation

Dear Sir:

**医检验** 医安全定位性动脉

The Anschutz Corporation	is the owner of U. S. Oil and
Gas Lease 11-0149769	, and proposes to drill a well
on the leased premises to test for	oil and gas at a location is all
Leuk SEk Section 22 T 100	ori alla gas at a location in the
Chand Section 33, 1. 198,	R. ZIE, Salt Lake Mer.,
Grand County, S  from South line and 2259  Section 33	tate of
from South line and 2259	from East line of
Section 33	
	•
Section 221.20 of the Federal Oil	and Gas Regulations requires that
no well be drilled less than 200	from the boundary of any logal
subdivision without the written co	nsent of the Supervisor United
States Geological Survey. The pro	nosed learties is assuming a
24 seek from the seek	posed location is approximately
24 feet 110m the Northe	rn Doundary line of the
NW 4 SE 4 01 Section	boundary line of the 33, but is considered to be
recessary because of topographic	and environmental reasons This
is the only reasonably flat spot	in the entire area. Drastically
less cut and fill will be require	d in this location.
Therefore, The Anschutz Corporati	on , Lessee, requests the con-
sent of the Supervisor to the dril	ling of the proposed well at the
above-described location. In cons	ideration of such consent
Anschutz Corporation Lessee h	ereby expressly covenants and agrees
that he will make no consusts assi	stepy expressly covenants and agrees
that he will make no separate assi	inments of the SW 4 SE 4 and
the NW 1/3 SE 1/4, Section Sec.	33 , I. 19S , R. 21E ,
sait take her., and that he will ki	eep the two described subdivisions
under Joint assignment until the a	Dove-mentioned well has been plugged
and abandoned with the approval of	the Supervisor.

Very truly yours, N. Lee Kuhre

PLEASE SUBMIT IN TRIPLICATE



1110 DENVER CLUB BUILDING 518 SEVENTEENTH STREET DENVER, COLORADO 80202 TELEPHONE 303—573-5665



March 14, 1978

Mr. Cleon Feight Director Division of Oil, Gas & Mining 1588 West, North Temple Salt Lake City, Utah 84116

Re: Application to Drill #2 Fed 769
Section 33, T 19S, R 21E
Grand County, Utah

Dear Mr. Feight:

We wish to submit the enclosed application to drill the above referenced location. This is a federal lease.

If you have any questions, please call.

Thank you.

Sincerely,

W. Lee Kuhre

Operations Coordinator

WLK/dmp Enclosure



#### SUBMIT IN TRIPLICATE\*

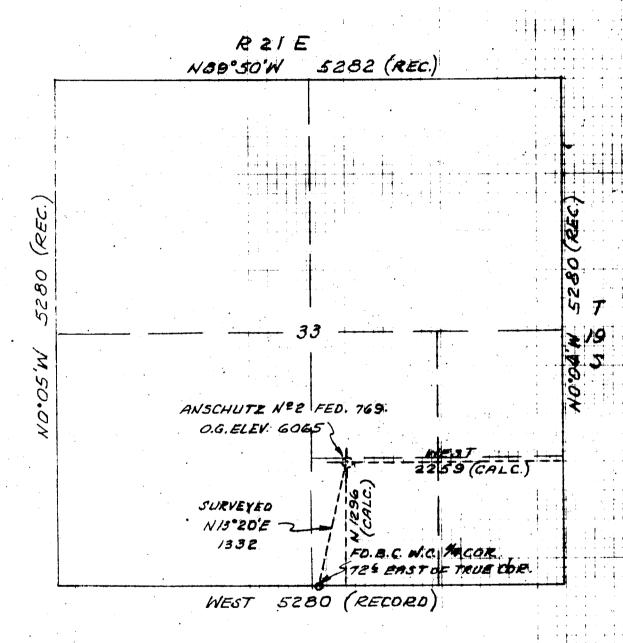
Form approved.

Budget Bureau No. 42-R1425.

UNITED STATES (Other instructions on reverse side)

Budget Bureau

			RIUR	5. LEASE DESIGNATION AND SERIAL NO.
	GEOLO	GICAL SURVEY	· ·	U-0149769
APPLICATION	1 FOR PERMIT	O DRILL, DEEPI	EN, OR PLUG B	
TYPE OF WORK				
		DEEPEN 🗌	PLUG BAC	1 1 11/1/
TYPE OF WELL OIL (T) G/	ıs 🗀	81	NGLE MULTIP	East Willow Creek  8. FARM OR LEASE NAME
	ELL _ OTHER	20	ONE LJ ZONE	
	hut- Campanatia	_		Federal 769
ADDRESS OF OPERATOR	hutz Corporatio			
1110 Den	ver Club Buildi	ng. Denver. Col	orado 80202	2 10. FIELD AND POOL, OR WILDCAT
OCATION OF WELL (R.	eport location clearly and	ng, Denver, Col	State requirements	Wildcat
rt buitace		, SW SE Sec. 33		11 SEC., T., R., M., OR BLE. AND SURVEY OR AREA
t proposed prod. zon	e	•	= 810.30	& AND E
	Same	*	State requirements RECE 30	Sec. 33, T.19S-R. 21E
		REST TOWN OR POST OFFIC	PRETIGON ON SON	COUNTY OR PARISH 13. STATE
24 miles		Utah (Exhibit	D. OF ACRES OF LEASE	Grand Utah
LOCATION TO NEAREST PROPERTY OR LEASE I	r	10. 10		THIS WELL
(Also to nearest drig	g. unit line, if any)		380.87	160 A
TO NEAREST WELL, D OR APPLIED FOR, ON TH	RILLING, COMPLETED,		1/	_
	ether DF, RT, GR, etc.)	.3 miles   4	195' 54 /	Rotary 22. APPROX. DATE WORK WILL START®
		d elevation, 60	75 l VD	
6063		PROPOSED CASING AND		······································
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4	8-5/8	24#	2001	180 sx (to surface)
6-3/4	4-1/2	9.5#	4195	200 sx
Exhibit Atta	cheđ			
	n and Elevation	Plat	чF	Radius Map of Wells In Area
A LUCALIU		ce Program	''G	
	-Point Complian			O. A. 70111 O Alam
'B" The Ten-	-Point Complian w-out Preventer	<u> </u>		Cut-Fill Section
'B" The Tender'C" The Blow	w-out Preventer	<u> </u>		l" Drill Rig Layout
"B" The Ten- "C" The Blow "D" The Mul	w-out Preventer	Diagram ement for A.P.D	. "H	l" Drill Rig Layout
"B" The Ten- "C" The Blow "D" The Mul- "E" Access	w-out Preventer ti-point Requir Road Map into L	Diagram ement for A.P.D ocation	"I	l' Drill Rig Layout " Production Facility Layout
"B" The Ten- "C" The Blow "D" The Multie" Access In the International Internation Internat	w-out Preventer ti-point Requir Road Map into L d to test the s	Diagram ement for A.P.D ocation ands in the Dak	"I ota, Cedar Moun	I' Drill Rig Layout I' Production Facility Layout Intain, Morrison and Saltwash
'B" The Tendroll The Blow The Multie Access In is planned formations.	w-out Preventer ti-point Requir Road Map into L d to test the s These wells wi	Diagram ement for A.P.D ocation ands in the Dak 11 be air drill	"I ota, Cedar Moun ed, mudding up	I' Drill Rig Layout I' Production Facility Layout Intain, Morrison and Saltwash If necessary. Gas zones
'B" The Tendroll The Bloom 'D" The Multer Access In the Internations.	w-out Preventer ti-point Requir Road Map into L d to test the s These wells wiwill be checked	Diagram ement for A.P.D ocation ands in the Dak 11 be air drill for volume thr	"I ota, Cedar Moun ed, mudding up ough 2" lines o	" Drill Rig Layout " Production Facility Layout "tain, Morrison and Saltwash if necessary. Gas zones off the casing head after the
'B" The Tendroll The Blow The Multiput Access In It is planned formations. The countered of the pipe rams has	w-out Preventer ti-point Requir Road Map into L to test the s These wells wiwill be checked ve been closed.	Diagram ement for A.P.D ocation ands in the Dak ll be air drill for volume thr The blooie li	"I ota, Cedar Moun ed, mudding up ough 2" lines o ne of at least	I' Drill Rig Layout I' Production Facility Layout Itain, Morrison and Saltwash If necessary. Gas zones Off the casing head after the 100' in length will extend
'B" The Tendroll The Blow 'C" The Blow 'E" Access In the Standard Formations. The Standard Formations is the standard Formation the rotal The Standard Formation the standard Formatic The Standard Fo	w-out Preventer ti-point Requir Road Map into L to test the s These wells wi will be checked ve been closed.	Diagram ement for A.P.D ocation  ands in the Dak ll be air drill for volume thr The blooie li the reserve pi	"I ota, Cedar Moun ed, mudding up ough 2" lines o ne of at least t. A flare wil	I' Drill Rig Layout I' Production Facility Layout Itain, Morrison and Saltwash if necessary. Gas zones off the casing head after the 100' in length will extend Il be maintained at the end
'B" The Tendroll The Blow 'B" The Multiple Access In the State of the	w-out Preventer ti-point Requir Road Map into L the s These wells wi will be checked ve been closed. ating head into ne at all times	Diagram ement for A.P.D ocation  ands in the Dak 11 be air drill for volume thr The blooie li the reserve pi while drilling	"I ota, Cedar Moun ed, mudding up ough 2" lines o ne of at least t. A flare wil below 1000'.	I' Drill Rig Layout I' Production Facility Layout Itain, Morrison and Saltwash If necessary. Gas zones Off the casing head after the 100' in length will extend
'B" The Tendroll The Blow 'C" The Blow 'E" Access It is planned formations. Encountered pipe rams has from the rotof blooie liproduction, formation.	w-out Preventer ti-point Requir Road Map into L the s These wells wi will be checked ve been closed. ating head into ne at all times 4-1/2" casing w	Diagram ement for A.P.D ocation  ands in the Dak ll be air drill for volume thr The blooie li the reserve pi while drilling	"I tota, Cedar Mounted, mudding up rough 2" lines of the of at least to A flare will below 1000'. cemented to 250	" Drill Rig Layout " Production Facility Layout " tain, Morrison and Saltwash if necessary. Gas zones off the casing head after the 100' in length will extend Il be maintained at the end In the event of commercial
"B" The Ten- "C" The Blow "D" The Multie" Access  It is planned formations. encountered pipe rams had from the roto of blooie liproduction, formation. ENOVE SPACE DESCRIBILE. If proposal is to	w-out Preventer ti-point Requir Road Map into L d to test the s These wells wi will be checked ve been closed. ating head into the at all times 4-1/2" casing we reoposed Program: If drill or deepen direction.	Diagram ement for A.P.D. ocation  ands in the Dak ll be air drill for volume thr The blooie li the reserve pi while drilling vill be set and proposal is to deepen or	"I tota, Cedar Mounded, mudding up tough 2" lines of the of at least to A flare will below 1000'. cemented to 250 plug back, give data on po	" Drill Rig Layout " Production Facility Layout "tain, Morrison and Saltwash if necessary. Gas zones off the casing head after the 100' in length will extend Il be maintained at the end In the event of commercial o' above the top of the Dakota
"B" The Ten- "C" The Blow "D" The Multie" Access  It is planned formations. encountered pipe rams had from the roto of blooie liproduction, formation. ENOVE SPACE DESCRIBILE. If proposal is to	w-out Preventer ti-point Requir Road Map into L d to test the s These wells wi will be checked ve been closed. ating head into the at all times 4-1/2" casing we reoposed Program: If drill or deepen direction.	Diagram ement for A.P.D. ocation  ands in the Dak ll be air drill for volume thr The blooie li the reserve pi while drilling vill be set and proposal is to deepen or	"I tota, Cedar Mounded, mudding up tough 2" lines of the of at least to A flare will below 1000'. cemented to 250 plug back, give data on po	I' Drill Rig Layout I' Production Facility Layout Itain, Morrison and Saltwash if necessary. Gas zones off the casing head after the 100' in length will extend In the event of commercial I' above the top of the Dakota resent productive zone and proposed new productive
"B" The Tendroll The Blow The Multiple The M	w-out Preventer ti-point Requir Road Map into L d to test the s These wells wi will be checked ve been closed. ating head into the at all times 4-1/2" casing we reoposed Program: If drill or deepen direction.	Diagram ement for A.P.D. ocation  ands in the Dak ll be air drill for volume thr The blooie li the reserve pi while drilling vill be set and proposal is to deepen or ally, give pertinent data	"Intota, Cedar Mounted, mudding up rough 2" lines of the least of the least of the low 1000'. The cemented to 250 plug back, give data on pron subsurface locations are	"Production Facility Layout "The Production Facility Layout "That in, Morrison and Saltwash "If necessary. Gas zones "Off the casing head after the "The Indian of the case of the casing head after the "The Indian of the end "The event of commercial "The event of commercial "The event of the Dakota "The event productive zone and proposed new productive and measured and true vertical depths. Give blowout
The Ten- "C" The Blow "D" The Multie" Access  It is planner formations. encountered pipe rams ha from the rot of blooie li production, formation. ENOVE SPACE DESCRIBI	w-out Preventer ti-point Requir Road Map into L d to test the s These wells wi will be checked ve been closed. ating head into the at all times 4-1/2" casing we reoposed Program: If drill or deepen direction.	Diagram ement for A.P.D. ocation  ands in the Dak ll be air drill for volume thr The blooie li the reserve pi while drilling vill be set and proposal is to deepen or	"I tota, Cedar Mounded, mudding up tough 2" lines of the of at least to A flare will below 1000'. cemented to 250 plug back, give data on po	"Production Facility Layout "The Production Facility Layout "That in, Morrison and Saltwash "If necessary. Gas zones "Off the casing head after the "The Indian of the case of the casing head after the "The Indian of the end "The event of commercial "The event of commercial "The event of the Dakota "The event productive zone and proposed new productive and measured and true vertical depths. Give blowout
"B" The Ten- "C" The Blow "D" The Mula "E" Access of the Access of the Mula "E" Access of the Mula "E" Access of the Mula "E" Access of the Mula formations.  ABOVE SPACE DESCRIBION FORMATION OF THE MULA BIGNED W. Le	w-out Preventer ti-point Requir Road Map into L d to test the s These wells wi will be checked ve been closed. ating head into the at all times 4-1/2" casing we reoposed Program: If drill or deepen direction.	Diagram ement for A.P.D. ocation  ands in the Dak ll be air drill for volume thr The blooie li the reserve pi while drilling vill be set and proposal is to deepen or ally, give pertinent data	"Intota, Cedar Mounted, mudding up rough 2" lines of at least to A flare will below 1000'. cemented to 250 plug back, give data on pron subsurface locations ar Operations Coor	"Production Facility Layout "Production Facility Layout "Atain, Morrison and Saltwash if necessary. Gas zones off the casing head after the 100' in length will extend the maintained at the end In the event of commercial of above the top of the Dakota resent productive zone and proposed new productive and measured and true vertical depths. Give blowout  acdinator  DATE March 28, 1978
"B" The Tendral "C" The Blow "D" The Mula "E" Access In the Internations of blooie liproduction, Formation.  ABOVE SPACE DESCRIBIC. If proposal is to prenter program, if an all the Internations of blooie Internation.	w-out Preventer ti-point Require Road Map into Lest the self the self will be checked we been closed. The self times the self times to the self times times to the self times times times times to the self times	Diagram ement for A.P.D. ocation  ands in the Dak 11 be air drill for volume thr The blooie li the reserve pi while drilling vill be set and proposal is to deepen or pally, give pertinent data	"Intota, Cedar Mounted, mudding up rough 2" lines of the least of the least of the low 1000'.  The cemented to 250 on subsurface locations are considered to 250 on subsurface locations.	T' Drill Rig Layout T' Production Facility Layout That ain, Morrison and Saltwash If necessary. Gas zones Off the casing head after the 100' in length will extend In the event of commercial O' above the top of the Dakota  resent productive zone and proposed new productive and measured and true vertical depths. Give blowout  APPROVED BY THE DIVISION OF
"B" The Ten- "C" The Blow "D" The Mula "E" Access I  It is planned formations. encountered pipe rams had from the rote of blooie li production, Formation. ABOVE SPACE DESCRIBION E. If proposal is to wenter program, if an	w-out Preventer ti-point Require Road Map into Lest the set th	Diagram ement for A.P.D. ocation  ands in the Dak 11 be air drill for volume thr The blooie li the reserve pi while drilling vill be set and proposal is to deepen or pally, give pertinent data	"Intota, Cedar Mounted, mudding up rough 2" lines of at least to A flare will below 1000'. cemented to 250 plug back, give data on pron subsurface locations ar Operations Coor	"Production Facility Layout "Production Facility Layout "Atain, Morrison and Saltwash if necessary. Gas zones off the casing head after the 100' in length will extend the maintained at the end In the event of commercial of above the top of the Dakota resent productive zone and proposed new productive and measured and true vertical depths. Give blowout  acdinator  DATE March 28, 1978
"B" The Tendral "C" The Blow "D" The Mula "E" Access In the Internations of blooie liproduction, Formation.  ABOVE SPACE DESCRIBIC. If proposal is to prenter program, if an all the Internations of blooie Internation.	w-out Preventer ti-point Require Road Map into Lest the set th	Diagram ement for A.P.D. ocation  ands in the Dak 11 be air drill for volume thr The blooie li the reserve pi while drilling vill be set and proposal is to deepen or pally, give pertinent data	ota, Cedar Mouned, mudding up ough 2" lines one of at least t. A flare will below 1000'. cemented to 250 plug back, give data on pon subsurface locations at Operations Coor	T' Drill Rig Layout T' Production Facility Layout That ain, Morrison and Saltwash If necessary. Gas zones Off the casing head after the 100' in length will extend In the event of commercial O' above the top of the Dakota  resent productive zone and proposed new productive and measured and true vertical depths. Give blowout  APPROVED BY THE DIVISION OF
"B" The Tender The Blow "C" The Blow "E" Access It is planned formations. It is planned formations and the rot of blooie liproduction, formation. Hove space described from the rot of blooie liproduction, formation.  SIGNED W. Le This space for Feder PERMIT No. 43	w-out Preventer ti-point Require Road Map into Lest the set the set the set the set the set the set will be checked we been closed. The set at all times the set of the set th	Diagram ement for A.P.D. ocation  ands in the Dak 11 be air drill for volume thr The blooie li the reserve pi while drilling vill be set and proposal is to deepen or ally, give pertinent data	ota, Cedar Mouned, mudding up ough 2" lines one of at least t. A flare will below 1000'. cemented to 250 plug back, give data on pon subsurface locations at Operations Coor	T' Drill Rig Layout T' Production Facility Layout That In the event of commercial To above the top of the Dakota Tresent productive zone and proposed new productive and measured and true vertical depths. Give blowout  TO ATE MARCH 28, 1978 TO PROVED BY THE DIVISION OF
The Tender The Blow The Blow The Multiple The The Multiple The The Multiple The Multiple The The Multiple The The Multiple The The Multiple The The	w-out Preventer ti-point Require Road Map into Lest the set the set the set the set the set the set will be checked we been closed. The set at all times the set of the set th	Diagram ement for A.P.D. ocation  ands in the Dak 11 be air drill for volume thr The blooie li the reserve pi while drilling vill be set and proposal is to deepen or ally, give pertinent data	ota, Cedar Mouned, mudding up ough 2" lines one of at least t. A flare will below 1000'. cemented to 250 plug back, give data on pon subsurface locations at Operations Coor	T' Drill Rig Layout T' Production Facility Layout That In the event of commercial To above the top of the Dakota Tresent productive zone and proposed new productive and measured and true vertical depths. Give blowout  TO ATE MARCH 28, 1978 TO PROVED BY THE DIVISION OF



ELEV. BY VERTICAL ANGLES FROM U.S.G.S. TOPO QUAD. \*FLORENCE CANYON, 4 SE, UTAH, UNEDITED, 1963.(W.C., 14 COR 33 \$4 = 6060)



ANSCHUTZ 1º 2 FED. 769 WELL LACATA INSE 14 SEC 33, TISS, R 21E, SLEAR GRAND COUNTY, UTAH FOR: ANSCHUTZ CORP.

SCALE: 1"= 1000' MARCH 17,1978 TRANSIT & DISTANCE METER SURVEY

## \*\* FILE NOTATIONS \*\*

Date: March 30 - 1	
Operator: Justinia Deployment	a froduction
Well No: <u>Fed.</u> 769-2	
Location: <u>Sec. <i>33</i> T. 195</u> R. 21E	County: Jand
	intered on N.I.D.: / \frac{1}{\sqrt{1}}
CHECKED BY:	
Administrative Assistant	
Remarks: Mut WAL	
Petroleum Engineer	
Remarks:	
Director	
Remarks:	
INCLUDE WITHIN APPROVAL LETTER:	
Bond Required:	Survey Plat Required:
Order No.	Surface Casing Change // to
Rule C-3(c), Topographic exception within a 660' radius	of proposed site
0.K. Rule C-3 /	O.R. In A. Will W Chefonit /
Other:	Def. ,
Actre	r Writter Approved

به در در د	DEPARTI				ERIO	ĸ	reverse si	de), O. LEASE DES	IUNATION AND BERIAL NO.
	. G	EOLC CA	AL SUF	TVE Y		(		0 15 INDIAN	49769 ALLOTTEE OR TRIBE NAME
WELL COM	APLETION (	OR RECOM	<b>APLETI</b>	ON R	EPORT	AN	Q WOG*	0, 11 INDIAN,	
1s. TYPE OF WELL	: OII.	GAS WELL 2	DR	Y . C	ther	/1 <u>/</u>	CEIVED	7. UNIT AGREE	EMENT NAME
b. TYPE OF COMP						MAY	15 1979		
WELL X	WORK DEEP-	DACK DACK	Diff.	R. 🗌 🤇	other	1:31 U		S. FARM OR L	EASE NAME
2. NAME OF OPERATO	n		•		63		MINING	9. WELL NO.	
The Ansi	chutz Corpo	ration					_	769 Fede	ral 2
3. ADDRESS OF OPERA				_ 7	4- 0030	27	MEI		POOL, OR WILDCAT
4. LOCATION OF WELL	over Club E	clearly and in	VEF, L	with any	State requ			— Wildcat	
At surface									., M., OR BLOCK AND SURVEY
At top prod. inte	W SE Sec. 33		216, 5	LDAM				1 ' '	ec.33, T193,R21E,
At top prod. Inte	. reported belo	"Same			,			SLB&M	,
At total depth	Same					DAME	ISSUED	12. COUNTY O	R 13. STATE
			14. PE	RMIT NO.		DAIL.	1990 20	PARISH Grand	Utah
15. DATE SPUDDED	16. DATE T.D. REA	ACHED   17. DAT	E COMPL.	Ready to	prod.) 1	S ELEV	VATIONS (DF. B	KEB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
	5-18-78	1	·25 <b>-</b> 78				240; KB6		6243
5-14-78   20. TOTAL DEPTH. MD 4	TVD   21. PLUG,	BACK T.D., MD &		. IF MULT	IPLE COMP		23. INTERVA	ALS ROTARY TOO!	
4356 MD	i	34 KB		HOW MA	INI			All	
24. PRODUCING INTER	VAL(8), OF THIS C	OMPLETION-TO	P, BOTTOM,	NAME (M	D AND TVD	)*			25. WAS DIRECTIONAL SURVEY MADE \$
			<b>.</b>						Yes
	20, FDC/CNL		lountai	.n.			<del></del>		27. WAS WELL CORED
26. TYPE ELECTRIC A		UN				•			No
DIL; FDC/C	NL	CAS	INC PECO	PD (Ren	ort all strin	na set i	in well)		100
28.	WEIGHT, LB./F				E SIZE		CEMEN	TING RECORD	AMOUNT PULLED
8 5/8"	24.0	214	<del></del>	12	3/4	Ci	rculate	Class G	None
4 1/2"	10.5	374		7 7/		_		, High Yiel	d None
						_			
				<u> </u>			1.00	TUBING RECO	) DDD
29.	·	LINER RECORI					30.	DEPTH SET (M	
BIZE	TOP (MD)	BOTTOM (MD)	SACKS C	EMENT	SCREEN (	MD)	2 3/8"	3631 KB	None
None			-	·····		<del></del>	2 3/0	7051118	7,01,0
31. PERFORATION REC	ORD (Interval, siz	e and number)			32.	AC	CID, SHOT, F	RACTURE, CEMEN	r squeeze, etc.
3592 to 360	10• 3612 to	3618			DEPTH 1	NTERVA	L (MD)	AMOUNT AND KIN	D OF MATERIAL USED
0.38 holes,	2.ispf. 28	holes			None				
•	, ,								
									•
20.4				DDC.I	DUCTION				
33.* DATE FIRST PRODUCT	ION   PRODU	CTION METHOD	Flowing, g			ze and	type of pump)		STATUS (Producing or it-in)
5/24/78		owing .						sh	ut-in
DATE OF TEST	HOURS TESTED	CHOKE SIZE		N. FOR PERIOD	OIL-BBI		GASMCF.	1	ŀ
_5/25/78	7 hrs	3/8"		<del></del>	0.2		47	1.5	180,000-1
FLOW. TUBING PRESS.	CASING PRESSUR	E CALCULATED	TE		GAS	—MCF.	. <b>w</b>	ATER-BBL.	
Aug 40psig	340 psig	tuel mented ato	<u>   0.</u>	.9	· ·	161		5 TEST WITNE	SEED BY
		,,,	••					J. N. 8	urkhalter
Will Be 35. LIST OF ATTACK				<u></u>				,	
Conv of	Orifice We	ll Tester	Chart				٠		
36. I hereby certify	that the foregoin	g and attached	informatio	n is com	olete and co	rrect a	s determined	from all available	records
SIGNED /	1. Full To		<b>T</b>	ITLE _	Consul	ting	Enginee:	r DAT	5/23/73
<del></del>	*(Sec	Instructions	and Space	es for A	Addition	il Date	a on Revers	e Side)	

or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federa and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions. If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be

attachments

16em 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State Hen 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

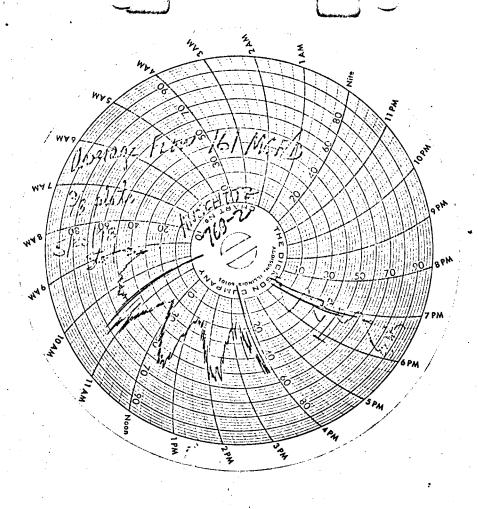
Hens 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified,

for each additional interval to be separately produced, showing the additional data pertinent to such interval. Item 29:

"Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.) item 33: Submit a separate completion report on this form for each interval to be separately produced.

			1808 VEST. DEFER		: • .	<b>)</b> X
GEOLOGIC MARKERS		AUX	1	3485		X
38. GEOLOG		NAME	Dakota Silt	Dakota Morrison		
TS THEREOF; CORED INTERVALS; AND ALL DAILL-SIEM TESTS, INCLUDING			Tight Siltstone Two porous Intervals containing Gas. Dil.	S		
OSITY AND CONTEN	BOTTOM		3565 3620			
MARY OF POROUS ZONES: BHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING	TOP		3550 3590			
87. SUMMARY OF POROUS ZONES: BHOW ALL IMPORTANT ZONES OF DEPTH INTERVAL TESTED, CUBH	FORMATION		Dakota Cedar Mountain			

\* U.S. GOVERNMENT PRINTING OFFICE: 1974-780-680/VIII-238





SCOTT M. MATHESON Governor

**GORDON E. HARMSTON** Executive Director, NATURAL RESOURCES

> **CLEON B. FEIGHT** Director

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

**DIVISION OF OIL, GAS, AND MINING** 1588 West North Temple Salt Lake City, Utah 84116 (801) 533-5771

May 31, 1979

OIL, GAS, AND MINING BOARD

I. DANIEL STEWART Chairman

**CHARLES R. HENDERSON** JOHN L. BELL THADIS W. BOX C. RAY JUVELIN

Anschutz Corporation 1100 Benver.Club Bldg. Denver, Colorado

> Ba: Well No. Sederal 769-2 Sec. 33, T. 198, R. 21E, Grand County, Utah

Gentlemen:

According to our records, a "Well Completion Report" filed with this office \_\_\_\_\_\_ from above referred to well(s) indicates the following electric logs were run: DIL: FDC/CNL

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS & MINING

KATHY OSTLER RECORDS CLERK





2400 ANACO TATTOWER . 555 SEVENTEENTH STREET . DENVER, COLORADO 80202 . 303-825-6100 . TWX 910-931-2620

1 philip

August 3, 1979

Mr. Cleon Feight, Director Utah Division of Oil, Gas & Mining 1588 West, North Temple Salt Lake City, Utah 84116

Dear Jack,

This is to inform you that we have recently sold all of our interests in the South Flank of the Unita Basin and have turned operations of the following producing properties in Grand County to Narmco, Inc.:

Lease	Well	Location
Federal 258	1-A	Sec. 5 T18S, R24E
Federal 258	2	Sec. 5 T18S, R24E
Federal 258	6	Sec. 5 T18S, R24E
Federal 675	1	Sec. 10 T20S, R21E
Federal 104	1	Sec. 4 T20S, R21E
L.A. Federal 769	2 (No W.C sheet)	Sec. 33 T19S, R21E
USA 4970	1	Sec. 4 T20S, R21E

Should any information be required on the above wells or any others which we operated in Grand County, I suggest you contact:

Narmco, Inc. Attn: Paul Hughes P.O. Box 283 Houston, Texas 77001

If I can be of any further assistance please give me a call.

Sincerely,

Peter B. Doty
Operations Coordinator

PBD/bv

cc: Ed Guynn, USGS, SLC

Jean Laws, USGS, Casper

Jane Henry, USGS, Casper

Mr. Gail Prince, Utah Division of Lands

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Form 8-329 Rev. Feb 76 OMB 42-R0356

> MONTHLY REPORT OF **OPERATIONS**

Lease 11042-149	749
Communitization Agreem	ent No.
Field NameWildcat	
Unit Name N/A	
Participating Area N/	••
County Grand	State Utah
Operator TEXOMA.	PRODUCTION COMPANY
(FORMER	Y NARMED INC. (DEL)
□ Amended Report	Phone (303) 759-0501

The splaning is a correct report of operations and production (including status of all unpluseed wells) for the month of CFOBER\_, 19\_79\_

(See Reverse of Form for Instructions)

this import is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lasse. Failure to report can result in the assessment of liquidated decayes (30 CFR 221.54 (5)), abunting down operations, or basis for recommendation to cancel the lasse and forfeit the bond (30 CFR 221.53).

	operations, or said for recommendation to cancel the lasse and forfeit the bond (30 CFI 221.53).								
Wed No.	Sec &	TWP	RYG	- Status	Days Prod	<sup>8</sup> 8भारत व 0य	*MCF of Gas	Founds of Wester	Remarks .
76 <b>9.</b> # 2	3.								
<b>#</b> 2	(SW SW								
	33 .	195	21E						WO Pipeline.
					ļ				
		İ							

	*1: none, so		
imposition of production (L	ease, Particination Art	on, or Communitized A	rea basio)
	011 & Condensate	Ges	kater '
•	(BBLS)	(HCF)	(BBLS)
m hand, Start of Month	-0-		Examination
Toduced	-0-	-0-	-0-
Sold	-0-	-C-	**************************************
Spilled or Lost	-0-	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	************
flered or Vented		-0-	*********
laed on Lease	-0-	-0-	************************
injected	-0-	-0-	-0-
Surface Pits	**************************************	*******	-0-
other (Identify)	-0-	-(-	-0-
on hand, End of Month	-0-	*****	=xxxxxxxxxxxxxxxxxxxxxxx
.PI Gravity/BTU Content	-0-	-0-	XXXXXXXXXXXX
chorized Signature: The	on 71. Koudelka	Address: F. O. Box	283 Rouston, Tx. 7

∵∑e:

Production Coordi ator



December 13, 1979

State of Utah Department of Natural Resources Division of Oil, Gas, and Mining 1588 West North Temple Salt Lake City, Utah 84116 DEC 1 7 1979

DIVISION OF OIL, GAS & MINING

Attention: Susie Robertson

Statistician

Re: Lease - Federal 258, Well No. 1-A, Sec. 5 T18S, R24E - 43-019-30469 Federal 258, Well No. 2, Sec. 5, T18S, R24E - 43-019-30469 Federal 258, Well No. 2, 
Federal 258, Well No. 6, Sec. 5, T18S, R24E - 11 11 F4A.

Federal 675, Well No. 1, Sec. 10, T20S, R21E - 11

Federal 104, Well No. 1, Sec. 4, T20S, R21E - 11 - 30375 V Federal 769, Well No. 2, Sec. 33 T19S, R21E - 130431 USA 4970, Well No. 1, Sec. 4, T20S, R21E < 130449 V

Dear Ms. Robertson:

Pursuant to your request, we are enclosing Report of Operations and Well Status Reports regarding the above captioned wells with the exception of Federal 258, Well No. 6. We will make an annual report on this well in January.

Our company name has been changed from Narmco, Inc. to Texoma Production Company and beginning with the October reports, they will be filed under the name of Texoma rather than Narmco.

If you have any questions concerning these reports, please contact this office.

Yours very truly,

Sharon H. Koudelka

Production Coordinator

SHK:pas Enclosures well 🔯

below.)
AT SURFACE:

2. NAME OF OPERATOR

AT TOTAL DEPTH:

3. ADDRESS OF OPERATOR

AT TOP PROD. INTERVAL:

REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:
TEST WATER SHUT-OFF
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL

PULL OR ALTER CASING
MULTIPLE COMPLETE
CHANGE ZONES
ABANDON\*
(other) Change of

# UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9–331–C for such proposals.)

other

P. O. Box 90996, Houston, TX 77090

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,

gas

well

Texoma Production Co.

Change of Operator

Bu	dget Bureau No. 42-R1424
5. LEASE	
91-015481	
6. IF INDIAN, ALLOTT	EE OR TRIBE NAME
n/a	
7. UNIT AGREEMENT	NAME
Willow Ck.	East
8. FARM OR LEASE N	AME
Federal	
9. WELL NO.	
769-2	
10. FIELD OR WILDCA	TNAME
Wildcat	
11. SEC., T., R., M., O	R BLK. AND SURVEY OR
SWSW Sec.	33, 19S-21E
12. COUNTY OR PARIS	SH 13. STATE
Grand	Utah
14. API NO.	
15. ELEVATIONS (SH	OW DF, KDB, AND WD)
(NOTE: Report results of change on Form	f multiple completion or zone

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

New operator effective 4/1/81:

SUBSEQUENT REPORT OF:

Buckhorn Petroleum Co. P. O. Box 5928 T.A. 1625 Broadway, Ste. 1200 Denver, Colo. 80217

Subsurface Safety Valve: Manu. and Typ	e		Set @	Ft.
18. I hereby certify that the foregoing is	true and correct			
SIGNED LANGE THE TOTAL SIGNED	TITLE Chief Pr	od. Stat. DATE	May 12, 1981	
	(This space for Federal or S	State office use)		
APPROVED BY	TITLE	DATE	·	

CONDITIONS OF APPROVAL, IF ANY:

Form Approved.

#### UNITED STATES DEPARTMENT OF THE INTERIOR **GEOLOGICAL SURVEY**

Dec. 1973	Budget Bureau No. 42-R1424
UNITED STATES	5. LEASE
DEPARTMENT OF THE INTERIOR	U-0149769  6. IF INDIAN, ALLOTTEE OR TRIBE NAME
GEOLOGICAL SURVEY	
SUNDRY NOTICES AND REPORTS ON WELLS  Do not use this form for proposals to drill or to deepen or plug back to a different eservoir. Use Form 9-331-C for such proposals.)	7. UNIT AGREEMENT NAME East Willow Creek
eservoir. Use Form 9-331-C for such proposals.)	8. FARM OR LEASE NAME 769 Federal
1. oil gas other	9. WELL NO.
2. NAME OF OPERATOR	2
TEXOMA PRODUCTION COMPANY	10. FIELD OR WILDCAT NAME (Dakota)
3. ADDRESS OF OPERATOR	Unit / Cedar Mountain
P. O. Box 5928 T.A.; Denver, CO 80217  4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NW SE
below.) NW SE 33-19S-21E (1938' FSL & 2233' I	·
AT SURFACE: Grand County, Utah	12. COUNTY OR PARISH 13. STATE
AT TOP PROD. INTERVAL: Approx. same AT TOTAL DEPTH:	Grand Utah
Approx. same  6. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	14. API NO. 43-019-30431 4-3-78
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD)
	6140' GL; 6150' KB
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	
RACTURE TREAT	
SHOOT OR ACIDIZE	
REPAIR WELL U	(NOTE: Report results of multiple completion or zone change on Form 9-330.)
MULTIPLE COMPLETE	Perf'd interval: 3592'-3600'
CHANGE ZONES	3612'-3618'
	nent **below CIBP set @ 3608'
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly statincluding estimated date of starting any proposed work. If well is a measured and true vertical depths for all markers and zones pertine.	directionally drilled, give subsurface locations and
MI & RU Fowler Well Service unit on 13	1-16-81.
Pulled 139 - 3/4" rods & 1 - 3/4" pony Pulled 109 jts 2-3/8" EUE tbg, perf'd	y rod, & 2½"x1½"x12' pump. sub & SN.

November 30, 1981

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	43-019-30431 4-3-78
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD)
	6140' GL; 6150' KB
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	
FRACTURE TREAT	
SHOOT OR ACIDIZE	(NOTE: Perest regular of multiple appropriation of multiple appropriat
PULL OR ALTER CASING	(NOTE: Report results of multiple completion or zone change on Form 9-330.)
MULTIPLE COMPLETE	Perf'd interval: 3592'-3600
CHANGE ZONES	
ABANDON*	3612'-3618
(other) Temporary abandonm	ent **below CIBP set @ 3608'
MI & RU Fowler Well Service unit on 11 Pulled 139 - 3/4" rods & 1 - 3/4" pony Pulled 109 jts 2-3/8" EUE tbg, perf'd Capped 4½" O.D. casing. Removed pumping unit & tank from locat Well is temporarily abandoned.	rod, & 21 x11 "x12' pump. sub & SN.
	OIL. GAS & MINING
Subsurface Safety Valver Manu. and Type	Set @ Ft.
10 11 and a still select the first of the second course.	

DATE \_ Prod. Engr. DATE \_

\_ DATE \_

(This space for Federal or State office use)

Form Approved. Budget Bureau No. 42-R1424

> 3592'-3600' 3612'-3618'\*\*

#### UNITED STATES DEPARTMENT OF THE INTERIOR **GEOLOGICAL SURVEY**

LEASE	
U-0149769	
IF INDIAN, ALLOTTEE OF	R TRIBE NAME
UNIT AGREEMENT NAM	E
East Willo	w Creek
FARM OR LEASE NAME	
769 Federa	1
WELL NO.	
2	
FIELD OR WILDCAT NAM	E (Dakota)
	ar Mountain
SEC., T., R., M., OR BLK	. AND SURVEY OR
AREA NW SE	
Sec. 33-T1	9S-R21E
COUNTY OR PARISH 1	3. STATE
Grand	Utah
API NO.	-
43-019-304	31 4-3-78
	UNIT AGREEMENT NAM East Willow FARM OR LEASE NAME 769 Federa WELL NO. 2 FIELD OR WILDCAT NAM Unit / Ced SEC., T., R., M., OR BLK AREA NW SE Sec. 33-T1 COUNTY OR PARISH Grand

SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9–331–C for such proposals.)	7. UNITAGREEMENT NAME East Willow Creek
1 oil gas —	8. FARM OR LEASE NAME 769 Federal
2. NAME OF OPERATOR BUCKNOWN CO.	9. WELL NO. 2
TEXOMA PRODUCTION COMPANY	10. FIELD OR WILDCAT NAME (Dakota)
3. ADDRESS OF OPERATOR	Unit / Cedar Mountain
P. O. Box 5928 T.A.; Denver, CO 80217  4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) NW SE 33-19S-21E (1338' FSL & 2233' F	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NW SE SEC. 33-T19S-R21E
AT SURFACE: Grand County, Utah AT TOP PROD. INTERVAL: Approx. same	12. COUNTY OR PARISH 13. STATE Grand Utah
AT TOTAL DEPTH: Approx. same	14. API NO.
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	43-019-30431 4-3-78
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD) 6140' GL; 6150' KB
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	
REPAIR WELL	(NOTE: Report results of multiple completion or zone change on Form 9–330.)
CHANGE ZONES	Perf'd interval: 3592'-36
ABANDON*	3612'-30
(other) Temporarily abandon	**below CIBP set @ 3608'

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

The subject well has been uneconomical to operate; therefore, Texoma Production Company (d.b.a. Buckhorn Petroleum Co proposes to:

- Pull rods, pump and tubing. Cap the  $4\frac{1}{2}$ " O.D. casing. 1.
- Remove rented pumping unit and tank from location thereby temporarily abandoning the well until its potential  $\ell$

We anticipate having a rig available to do this work on Gorson Se Mills of Se

Subsurface Safety Valve: Manu.		· · · · · · · · · · · · · · · · · · ·	Set @ _		F¥
18. I hereby certify that the fore	TITLE Prod: Engr.	DATE	November	10,	1981
	(This space for Federal or State office u	se)			
APPROVED BY		DATE .			

APPROVED BY CONDITIONS OF APPROVAL, IF ANY:

5. LEASE

# UNITED STATES DEPARTMENT OF THE INTERIOR

DEPARTMENT OF THE INTERIOR	<u>U-0149769</u>
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9–331–C for such proposals.)	7. UNIT AGREEMENT NAME Willow Creek East 8. FARM OR LEASE NAME
1. oil gas other	FEDERAL 769
Well Well General	9. WELL NO.
2. NAME OF OPERATOR BUCKHORN PETROLEUM CO.	2 10. FIELD OR WILDCAT NAME
3. ADDRESS OF OPERATOR	Bull Canyon
P.O. Box 5928 T.A.; Denver, CO 80217  4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) 1338'FSL & 2259'FEL(NW SE) 33-T19S-R21E	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NW4 SE4 Sec. 33-T19S-R21E
AT SURFACE: Grand County, Utah AT TOP PROD. INTERVAL: Approx. Same AT TOTAL DEPTH: Approx. Same	12. COUNTY OR PARISH 13. STATE Utah
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE.	14. API NO. 43-019-30431 4-3-78
REPORT, OR OTHER DATA  REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	15. ELEVATIONS (SHOW DF, KDB, AND WD) 6065' GL; 6074' KB
TEST WATER SHUT-OFF	(NOTE: Report results of multiple completion or zone change on Form 9–330.)
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state including estimated date of starting any proposed work. If well is dimeasured and true vertical depths for all markers and zones pertinent	e all pertinent details, and give pertinent dates, irectionally drilled, give subsurface locations and t to this work.)*
Effective 7:00 a.m. 11-1-82 Buckhorn Petroleu the subject well and lease, and relinquished of	
MR. J. C. THOMPSON c/o National Fuel Corp. 1700 Broadway, Suite 1219 Denver, CO 80290 Phone: 303/839-5748	
By copy of this notice, we are hereby advising to post the appropriate bond and to fulfill al accordance with the rules and regulations of togoverning bodies.	l obligations of Operator in
Subsurface Safety Valve: Manu. and Type	Set @ Ft.
18. I hereby certify that the foregoing is true and correct	<del>-</del>
SIGNED TITLE Production Eng	December 2, 1982

(This space for Federal or State office use)

\_\_\_\_ DATE \_

\_ TITLE \_

# UNITED STATES

SUBMIT IN TRIPLICATE.

DEPAR'	TMENT OF THE INTERIOR (Other Instructions on GEOLOGICAL SURVEY	U-0149769	
(Do not use this form for pro-	POTICES AND REPORTS ON WELLS  cosals to drill or to deepen or plug back to a different reservoir.  CATION FOR PERMIT—" for such proposals.)	6. IF INDIAN, ALLOTTE	E OR TRIBE NAME
i.  OIL GAS X OTHER		7. UNIT AGREEMENT N. East Will	
2. NAME OF OPERATOR J. C. Thompson		8. FABM OR LEASE NA Federal 7	
2. ADDRESS OF OPERATOR 1700 Broadway; De	enver, Colorado 80290	9. WELL NO. 2	
See also space 17 below.) At surface		Wildcat	OR WILDCAT
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*  See also space 17 below.) At surface  1296' FSL, 2259' FEL  (SW-SE)  11. SEC.,	11. SEC., T., E., M., OR SURVEY OR AREA	•	
		Sec. 33-T	19S-R21E
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.)	12. COUNTY OR PARISI	1 13. STATE
	6065' GR; 6075' KB	Grand	Utah
16. Chack A	Appropriate Box To Indicate Nature of Notice Report of	Other Data	

#### Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOT	ICE OF INTE	NTION TO:	SUB	SEQUE	NT REPORT OF:
TENT WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL (Other)		PULL OR ALTER CASING MULTIPLE COMPLETE ABANDON* CHANGE PLANS	water shut-off  fracture treatment  shooting or acidizing  (Other)	of of the state of	REPAIRING WELL ALTERING CASING ABANDONMENT* OPERATOR X multiple completion on Well lon Report and Log form.)

7 DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

New Operator / (Formerly Buckhorn Petroleum Co.)

18. I hereby certify that the foregoing is true and correct SIGNED (This space for Federal or State office use)	TITLE Operator	DATE Dec. 3, 1982
APPROVED BY CONDITIONS OF APPROVAL, IF ANY:	TITLE	DATE



4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

April 22, 1983

J. C. Thompson 1700 Broadway Denver, Colorado 80290

> Re: Well No. Federal # 769-2 Sec. 33, T. 19S, R. 21E. Grand County, Utah

#### Gentlemen:

The above referred to well has been currently under a temporarily abandoned status for six months or longer. Would you be kind enough to inform this office of a change in status, or let us know if it is still temporarily abandoned, submitted on a Sundry Notice (Form OGC-lB, enclosed).

Thank you for your prompt attention to the above submittal.

Respectfully,

DIVISION OF OIL, GAS AND MINING

Cari Furse

Well Records Specialist

CF/cf Enclosure

#### SUI | ] IN TRIPLICATE\* (befer instructions on

# STATE OF UTAH

•	DEPARTN	MENT OF NATURAL RES	OURCES	, a. ,	
	DIVISIO	ON OF OIL, GAS, AND N	IINING	5. LEASE DESIGNATION U-0149769	AND SERIAL NO.
	SUNDRY NOTI	CES AND REPORTS als to drill or to deepen or plug TION FOR PERMIT—" for such	ON WELLS r back to a different reservoir. proposais.)	6. IF INDIAN, ALLOTTS	S OR TRIBS NAME
1.	OIL GAS X OTHER			7. UNIT AGREEMENT NO. Willow Cre	
2.	NAME OF OPERATOR			8. FARM OR LEASE NAI	48
	J. C. Thompson			Federal	
8.	ADDRESS OF OPERATOR			9. WELL NO.	
	1700 Broadway, Suit	•		2 - Federa	1 769
4.	LOCATION OF WELL (Report location clease also space 17 below.) At surface	early and in accordance with an	y State requirements.*	Bull Canyo	
				11. SEC., T., R., M., OR I	LE. AND
				Sec. 33-T19	S-R21E
14.	PERMIT NO.	18. BLEVATIONS (Show whether to 6140' G.L.	DF, RT, GR, etc.}	12. COUNTY OR PARISH Grand	18. stats Utah
16.	Check Ap	propriate Box To Indicate	Nature of Notice, Report, or C	Other Data	
	NOTICE OF INTENT	TON TO:	*UB#BQ	UBNT REPORT OF:	
	TEST WATER SHUT-OFF	ULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING V	VELL
	FRACTURE TREAT	ULTIPLE COMPLETE	FRACTURE TREATMENT	ALTERING C	SING
	SHOOT OR ACIDIZE	BANDON*	SHOUTING OR ACIDIZING	ABANDONME	17.
	REPAIR WELL C	HANGE PLANS	(Other)	<b>-</b>	
	(Other) Status update	X	(NOTE: Report results	of multiple completion letion Report and Log for	on Well
17.	DESCRIBE PROPOSED OR COMPLETED OPER proposed work. If well is direction nent to this work.) *	ations (Clearly state all pertine ally drilled, give subsurface loc	nt details, and give pertinent dates, ations and measured and true vertice	including estimated data al depths for all markers	e of starting any and zones perti-

Well still temporarily abandoned. Location has been leveled, equipment removed from well and lease. Plan to plug and abandon.

18. I hereby certify that the foregoing is true and cor		DATE	5-3-83
(This space for Federal or State office use)	TITLE	DATE	

J. C. THOMPSON

INDEPENDENT OIL OPERATOR 410 - 17TH STREET, SUITE 1305 DENVER, COLORADO 80202

DIVISION OF COLORS A MINING

February 23, 1984

STATE OF UTAH
NATURAL RESOURCES
OIL, GAS & MINING
4241 State Office Building
Salt Lake City, UT 84114

ATTN: Claudia Jones,

Well Records Specialist

RE: Wells currently

operated in Utah

Dear Claudia:

I recently submitted under separate cover a list of all wells which we operate in the state of Utah. Most of those wells are currently producing.

Pursuant to that list, I am now sending a list of wells which are located in Utah under our supervision but not producing at this time.

This should complete your request. If I can be of further assistance, please notify me at the above number or address.

Sincerely,

Sandie S. Brown

Sardie S. Brawn

Secretary

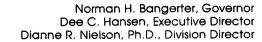
Enclosure

/ssb

.

·

•





355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

March 7, 1986

TO: Well File Memo

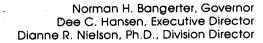
FROM: J.R. Baza JRB

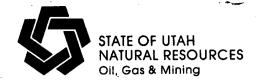
RE: Well No. Federal 769-2, Sec.33, T.19S, R.21E,

Grand County, Utah

The well file contains insufficient information to determine if the well is properly temporarily abandoned or not. The operator has submitted a Sundry Notice dated November 10, 1981, indicating that the well was to be temporarily abandoned shortly thereafter; however, there is no statement that a temporary plug would be set to isolate the producing interval. The operator should be requested to submit written verification of the existence of any temporary plug, and the well status should be listed as SI producing well, until this has been adequately verified.

sb 0265T-35





355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

April 7, 1986

J.C. Thompson 410 Seventeenth Street #1305 Denver. Colorado 80202

Gentlemen:

Re: Well No. Federal 769-2 - Sec. 33, T. 19S., R. 21E., Grand County, Utah - API #43-019-30431

In order to determine if the referenced well is a temporarily abandoned well, it is necessary that the condition of the well bore comply with the requirements of Rule 315 (i) of the Oil and Gas Conservation General Rules.

A records review of the well file indicates that insufficient information is available to determine where, or if, temporary plugs have been set. Please provide sufficient information as to the condition of the well, to determine if any interval open to the well bore has been properly sealed with a cement plug or bridge plug, and if the well bore is isolated to prevent migration of fluids through or out of it.

Your response by April 27, 1986 will be appreciated, and should be addressed to:

Division of Oil, Gas & Mining Attention: Suspense File - Norm Stout 355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, Utah 84180-1203

Respectfully,

Norman C. Stout Records Manager

pk

cc: Dianne R. Nielson Ronald J. Firth John R. Baza Well File Suspense File

01705/9

INDEPENDENT OIL OPERATOR 410 - 17TH STREET, SUITE 1305 DENVER, COLORADO 80202

April 16, 1986

Mr. Norman C. Stout Division of Oil, Gas & Mining 3 Triad Center, Suite 350 355 W. North Temple Salt Lake City, UT 84180-1203

RE: Federal No. 769-2 Well Sec. 33 - T195 - R21E Grand County, Utah

Dear Mr. Stout:

This is in response to your letter of April 7 regarding the captioned well. It is my intention to plug and permanently abandon this well during the summer months. I will request plugging instructions from the appropriate regulatory agencies before plugging.

Yours Sincerely,

J.C. Thompson

JCT/bkm

cc: NICOR Exploration CO.

070318

J. C. THOMPSON

INDEPENDENT OIL OPERATOR 410 - 17TH STREET, SUITE 1305 DENVER, COLORADO 80202



DIVISION OF OIL, GAS & MINING

June 25, 1986

Bureau of Land Management Moab District P.O. Box 970 Moab, UT 84532

RE: Federal 769 #2 Well (Lease U-0149769) Grand County, UT

### Gentlemen:

Enclosed in triplicate is a Sundry Notice containing our proposal for plugging the captioned well. We ask that you approve this proposal if it is satisfactory.

Yours sincerely,

J.C. Thompson

JCT/bkm

Enclosures

cc: State of Utah Division of Oil, Gas & Mining

UNIT STATES  DEPARTMENT OF THE INTERIOR  GEOLOGICAL SURVEY	5. LEA U-0149769  6. IF INDIAN, ALLOTTEE OR TRIBE NAME
SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9–331–C for such proposals.)	7. UNIT AGREEMENT NAME  8. FARM OR LEASE NAME
1. oil gas Temporarily abandoned other	Federal 769  9. WELL NO.
<ul> <li>2. NAME OF OPERATOR</li> <li>J.C. Thompson</li> <li>3. ADDRESS OF OPERATOR</li> <li>410 17th Street Suite 1305; Denver, CO 80202</li> </ul>	2 10. FIELD OR WILDCAT NAME Calf Canyon 11. SEC., T., R., M., OR BLK. AND SURVEY OR
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) AT SURFACE: 1338'FSL, 2238' FEL	AREA Sec 33-T19S-R21E  12. COUNTY OR PARISH 13. STATE
AT TOP PROD. INTERVAL: Same AT TOTAL DEPTH: Same  16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	Grand Utah  14. API NO. 43-019-30431  15. ELEVATIONS (SHOW DF, KDB, AND WD)
REQUEST FOR APPROVAL TO:  SUBSEQUENT REPORT OF:  TEST WATER SHUT-OFF  FRACTURE TREAT  SHOOT OR ACIDIZE  REPAIR WELL  PULL OR ALTER CASING  MULTIPLE COMPLETE  CHANGE ZONES  ABANDON*  (other)	6150 K.B.  (NOTE: Report results of multiple completion or zone change on Form 9–330.)
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state including estimated date of starting any proposed work. If well is dimeasured and true vertical depths for all markers and zones pertinent	irectionally drilled, give subsurface locations and to this work.)*
Propose to: 1. Set 35 sx cement plug @ 3608 @3744, B.P. set @3608'). Fil surface.  2. Set 10 sx cement plug at surf annulus with cement.  3. Erect surface marker showing lease name.  4. Proposed starting date 7/21/8	1 hole with mud to ace, fill $4\frac{1}{2}$ "/8 5/8" well no., location,

Subsurface Safety Valve: Manu. and Type		Set @	Ft.
18. I hereby certify that the foregoing is true and correct  SIGNED	DATE .	6/18/86	
(This space for Federal or State offic	e use)		

TITLE \_

ACCEPTED BY THE STATE OF UTAH DIVISION OF

BY: Original Signed by John R. Baza



**DIVISION OF** OIL, GAS & MINING

Federal approval of this action is required before commencing operations.

### DEPARTMENT OF THE INTERIOR **GEOLOGICAL SURVEY**

J.	LLY						
	_	<b>U-</b> 0	14	19	7	6	ç

6150 K.B.

		•	0177	, , ,		
_						
б.	IF INDI	AN,	<b>ALLOT</b>	TEE OR	TRIBE	NAME

SUNDRY	<b>NOTICES</b>	AND	<b>REPORTS</b>	ON	WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1.	oil well	<b>K</b>	gas well	K	Temporarily other	abandoned

- 2. NAME OF OPERATOR J.C. Thompson 3. ADDRESS OF OPERATOR Suite 1305; Denver, CO 80202 410 17th Street
- 4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 AT SURFACE: 1338'FSL, 2238' FEL AT TOP PROD. INTERVAL: same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,

same

7. UNIT AGREEMENT NAME 8. FARM OR LEASE NAME Federal 769 9. WELL NO. 2 10. FIELD OR WILDCAT NAME Calf Canyon 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 33-T19S-R21E 12. COUNTY OR PARISH 13. STATE Grand 14. API NO. 43-019-30431 15. ELEVATIONS (SHOW DF, KDB, AND WD)

REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO: TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL **PULL OR ALTER CASING** MULTIPLE COMPLETE **CHANGE ZONES** ABANDON\*

AT TOTAL DEPTH:

SUBSEQUENT REPORT OF:

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Propose to:

(other)

- 1. Set 35 sx cement plug @ 3608 3385' ( $4\frac{1}{2}''$  casing @3744, B.P. set @3608'). Fill hole with mud to surface.
- 2. Set 10 sx cement plug at surface, fill  $4\frac{1}{2}$ "/8 5/8" annulus with cement.
- 3. Erect surface marker showing well no., location, lease name.
- 4. Proposed starting date 7/21/86

Subsurface Safety Valve: Manu. and Type	Set @ Ft
18. I hereby certify that the foregoing is true and correct  SIGNED	6/18/86
(This space for Federal or State office use)	

APPROVED BY CONDITIONS OF APPROVAL, IF ANY: TITLE

Federal approval of this action is required before commencing operations.

ACCEPTED BY THE STATE OF UTAH DIVISION OF

OLLAGASHAND.MINING



**DIVISION OF** OIL, GAS & MINING

INDEPENDENT OIL OPERATOR 410 - 17TH STREET, SUITE 1305 DENVER, COLORADO 80202



DIVISION OF OIL. GAS & MINING

July 22, 1986

Bureau of Land Management Moab District P.O. Box 970 Moab, Ut 84532 Attention: Jeff Robbins

> Re: Federal 769 #2 Well (Lease U-0149769) Grand County, Utah 430/930/3/ COMTN

### Gentlemen:

This is to advise that we have decided to delay plugging the captioned well for approximately two months. This delay is caused by weather forecast for an extended period of heavier than normal rainfall for the next 30 days. Such weather could cause unnecessay expense for road clearing. We will advise when startup is planned.

Please contact the undersigned if you have any questions.

Yours sincerely,

J. C. Thompson

JCT/dg

cc: NICOR Exploration Co.

Division of Oil, Gas & Mining

Walid Bou-Matar

## RECEIVED

SEP 0 2 1986

J. C. THOMPSON

Near Mistrict 2. 0. Sex 770 Near, Utah 34,32 SiG3 (Millow Crt. East Woit) (J-006)

AUG 28 1986

Tennoco Oil Company
P. O. Box 3245
Englewood, CO 80165

He: Unit Operations: Willow Creek East OK MC A. OK A. OK B Participation Areas #167-2-

Gentlæmn:

We are to receipt of correspondence from our State Office showing your compay as operator of the above referenced unit effective January 31, 1935. This was done through a resignation of the original unit operator and subsequent successor of unit operator effective the same date (see enclosed letter).

According to provisions in the unit agreement; Article 15.1(B) and 43 CFR 3100, as the unit operator Tenneco Oil Comapny is recognized as operator of all unit wells. As operator you are responsible for all non-compliance, paper work, etc. on the three Willow Creek East Unit wells.

Correctly, the monthly reports of operations (Form 3169-5) are being filed by noth Tenneco Cil Company and J. C. Thompson. Mr. Thompson is not recognized as Unit Operator. Effective immediately, Tenneco Cil Company should file all paper work, etc. for all targe wells in the Willow Creek East Unit as the unit operator.

Please contact Paul Brown (801-259-3111) or Teresa Thompson (801-524-2025) if you have any further questions.

Sincerely yours, /S/ GENE NODINE

District Manager

Attachment: Letter Dated 1-31-85

cc: GRA, U-058 (w/encl.)
P. Brown, U-055 (w/encl.)
T. Thompson, U-922 (w/encl.)
C. Thompson (w/encl.)
410 17th Street, Ste. 1305
Denver, CO 30202

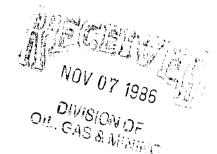
PBrown:1k:03/25/85 (Mang #0988f)

-laik toi 9-8-86 det file-time me.,

Ly mu cuill call back

9-15-86 Stove town sind Termeso must file, that det could become unich operator, I said we would defer that for now.

INDEPENDENT OIL OPERATOR 410 - 17TH STREET, SUITE 1305 DENVER, COLORADO 80202



November 5, 1986

Ms. Claudia Jones Utah Natural Resources 355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, UT 84180

Dear Claudia:

As per our telephone conversation today, enclosed is a letter dated August 28, 1986 from the BLM Moab District. The letter states that Tenneco Oil Company should file production for the three wells located in the Willow Creek East Unit. Two of the three wells are operated by J.C. Thompson; the 4970 #1 and 1000 wells. The third well is already operated by Tenneco. As unit operator, Tenneco must file all reports associated with these wells.

Please advise if you have further questions.

Very truly yours,

Buenda K Yucopsel

Brenda K. Fuechsel

/BKF

Enclosure

cc: Ursula Sulvbah
Tenneco Oil Company

4970 M/ 4301930449 T. 205 R. 31E Lee. X4 769 WZ 4301930431 T 195 R 31E Se. 33.

INDEPENDENT OIL OPERATOR 410 - 17th STREET, SUITE 1305 DENVER, COLORADO 80202



September 22, 1988

OIL, GAS & MINING

Bureau of Land Management Grand Resource Area Office P.O. Box M Moab, UT 84532

Re: Federal 769 #2 Well (Lease U-0149769) Federal 104 #1 Well (Lease U-15104) Grand County, Utah

Gentlemen:

Enclosed, in triplicate, are Sundry Notices requesting Temporary Abandonment status for the captioned wells. A Sundry Notice for the Federal 769 #2 Well was previously submitted on 6/18/86 and approved on 6/26/86, but because the work was never done and so much time has elapsed, a second notice is being sent for approval.

Please contact Mr. Thompson or myself if there are any questions. Send one approved copy of each notice to us.

Sincerely,

Brenda K. Succepel

Brenda K. Fuechsel

/bkf

Enclosures

cc: State of Utah Division of Oil, Gas & Mining 355 W. N. Temple; 3 Triad Center; Ste. 350 Salt Lake City, UT 84180-1203

operations.

5. LEASE

U-0149769

# UNITED STATES DEPARTMENT OF THE INTERIOR GEÖLOGICAL SURVEY

GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
SUNDRY NOTICES AND REPORTS OF MELS  (Do not use this form for proposals to driller to the proposals to driller to the proposals to the proposa	7. UNIT AGREEMENT NAME  8. FARM OR LEASE NAME	
	Federal 769	
1. oil gas xix others SEP 26 1988	9. WELL NO.	
2. NAME OF OPERATOR	2	
J.C. THOMPSON DIVISION OF	10. FIELD OR WILDCAT NAME	
3. ADDRESS OF OPERATOR OIL, GAS & MINING	Calf Canyon	
410-17th St.; Ste. 1305; Denver, CO	11. SEC., T., R., M., OR BLK. AND SURVEY O	
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 1		
below.) AT SURFACE: 1338' FSL, 2238' FEL	33 - T19S - R21E  12. COUNTY OR PARISH 13. STATE	
AT TOP PROD. INTERVAL:	Grand UTAH	
AT TOTAL DEPTH:	14. API NO.	
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE		
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD	
	6150 K.B.	
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:		
TEST WATER SHUT-OFF		
SHOOT OR ACIDIZE	•	
REPAIR WELL	(NOTE: Report results of multiple completion or zon	
PULL OR ALTER CASING	change on Form 9-330.)	
MULTIPLE COMPLETE		
ABANDON*	•	
(other)		
@ 3744, B.P. set @ 360	directionally drilled, give subsurface locations and	
surface. 2. Set 10 sx cement plug		
8 5/8" annulus with ce		
	showing well no., location,	
lease name.	10.00.00	
4. Proposed starting date	10-20-88.	
Subsurface Safety Valve: Manu. and Type	Set @ Ft.	
18. I hereby certify that the foregoing is true and correct		
SIGNED Y. (!. Visuppon TITLE Operator	DATE 9-22-88.	
(This space for Federal or State o		
APPROVED BY TITLE TOTAL TITLE TOTAL	ACCERTED BY THE STATE	
TOTAL OF AFFINENCE IF ANT.	OF UTAH DIVISION OF	
Federal approval of this action	OIL, GAS, AND MINING	
is required before commencing	SATE 9-29-88	

# STATE OF UTAH VISION OF OIL, GAS AND MINING OIL AND GAS INSPECTION RECORD

arlene

WELL NO. Willaw Marker  WELL NO. Willaw Marker  WELL SIGN  HOUSEKEEPING  WELL SIGN  HOUSEKEEPING  SHUT-IN  ABANDONED:  ABANDONED:  PRODUCTION:  WELL SIGN  HOUSEKEEPING  EQUIPMENT*  ABANDONED:  PRODUCTION:  WELL SIGN  HOUSEKEEPING  EQUIPMENT*  SAFETY  HOUSEKEEPING  PRODUCTION:	OPERATOR	Tenneco O	I Company	LEASE <u></u>	0149769
DRILLING/COMPLETION/WORKOVER:  APD SAFETY POLL. CONTROL SURFACE USE  SHUT-IN WELL SIGN WELL SIGN WELL SIGN OTHER  ABANDONED: WELL SIGN W	-			69-2 API 43-0	119-30431
DRILLING/COMPLETION/WORKOVER:  APD SAFETY POLL. CONTROL SURFACE USE PITS OPERATIONS OTHER  SHUT-IN WELL SIGN WELL SIGN HOUSEKEEPING OTHER  ABANDONED: WARKER HOUSEKEEPING PRODUCTION: WELL SIGN METERING* METERING* SECURITY SAFETY OTHER  GAS DISPOSITION: VENTED/FLARED SOLD LEASE USE  POW NA - NOT APPLICABLE  *FACILITIES INSPECTED: 60 C # Marker  POW  *FACILITIES INSPECTED: 60 C # Marker  ACTION:  ACTION:  DRILLING/COMPLETION HOUSEKEEPING HOUSEKEEPING FITS OTHER  #FACILITIES  HOUSEKEEPING PITS OTHER  #FACILITIES  POW NA - NOT APPLICABLE  ACTION:  ACTION:  JAM  ACTION:  JAM  ACTION:  AC	E 10/	_ T. <u>/93</u> _R.,		1 . +1	
APD WELL SIGN HOUSEKEEPING BOPE SAFETY POLL. CONTROL SURFACE USE PITS  SHUT-IN / TA : WELL SIGN HOUSEKEEPING EQUIPMENT* SAFETY  ABANDONED:  MARKER HOUSEKEEPING EQUIPMENT* SAFETY  PRODUCTION:  WELL SIGN HOUSEKEEPING EQUIPMENT* FACILITIES*  METERING* POLL. CONTROL PITS OTHER  GAS DISPOSITION:  VENTED/FLARED SOLD LEASE USE  LEGEND: Y - YES OR SATISFACTORY N - NO OR UNSATISFACTORY NA - NOT APPLICABLE  *FACILITIES INSPECTED: LOC & Market  REMARKS: LOC & MARK NA - NOT APPLICABLE  ACTION:  ACTION:  WELL SIGN HOUSEKEEPING EQUIPMENT* FACILITIES*  FACILITIES*  FACILITIES OTHER  FACILITIES INSPECTED: LOC & Market  ACTION:  WF-FACILITIES INSPECTED: LOC & Market  ACTION:  WF-FACILITIES INSPECTED: LOC & MARKET  ACTION:  WF-FACILITIES OTHER  HOUSEKEEPING EQUIPMENT*  FACILITIES*  FACILITIES OTHER  ACTION:  WARKER  HOUSEKEEPING EQUIPMENT*  FACILITIES*  FACILITIES*  FACILITIES*  ACTION:  WHO WAS A TO A	COUNTY	Colond	FIELD	Designated	
APD WELL SIGN HOUSEKEEPING BOPE SAFETY POLL. CONTROL SURFACE USE PITS  SHUT-IN / TA : WELL SIGN HOUSEKEEPING EQUIPMENT* SAFETY  ABANDONED:  MARKER HOUSEKEEPING EQUIPMENT* SAFETY  PRODUCTION:  WELL SIGN HOUSEKEEPING EQUIPMENT* FACILITIES*  METERING* POLL. CONTROL PITS OTHER  GAS DISPOSITION:  VENTED/FLARED SOLD LEASE USE  LEGEND: Y - YES OR SATISFACTORY N - NO OR UNSATISFACTORY NA - NOT APPLICABLE  *FACILITIES INSPECTED: LOC & Market  REMARKS: LOC & MARK NA - NOT APPLICABLE  ACTION:  ACTION:  WELL SIGN HOUSEKEEPING EQUIPMENT* FACILITIES*  FACILITIES*  FACILITIES OTHER  FACILITIES INSPECTED: LOC & Market  ACTION:  WF-FACILITIES INSPECTED: LOC & Market  ACTION:  WF-FACILITIES INSPECTED: LOC & MARKET  ACTION:  WF-FACILITIES OTHER  HOUSEKEEPING EQUIPMENT*  FACILITIES*  FACILITIES OTHER  ACTION:  WARKER  HOUSEKEEPING EQUIPMENT*  FACILITIES*  FACILITIES*  FACILITIES*  ACTION:  WHO WAS A TO A		OOLSE STEEN MISSIA	oven.		
WELL SIGN HOUSEKEEPING EQUIPMENT* SAFETY  ABANDONED:  MARKER HOUSEKEEPING PREHAB.  PRODUCTION:  WELL SIGN HOUSEKEEPING EQUIPMENT*  METERING* POLL. CONTROL PITS DISPOSAL  GAS DISPOSITION:  VENTED/FLARED SOLD LEASE USE  POLL // of 24  LEGEND: Y - YES OR SATISFACTORY  N - NO OR UNSATISFACTORY  NA - NOT APPLICABLE  *FACILITIES INSPECTED: Loc + Market  ACTION:  ACTION:  WELL SIGN HOUSEKEEPING PITS  OTHER  PACILITIES*  DISPOSAL  FACILITIES INSPECTED: Loc + Market  ACTION:  WEAL SIGN  POLL // of 24  BOW  ACTION:  WELL SIGN  HOUSEKEEPING PITS  OTHER  PACILITIES*  PA	A	IPD AFETY	WELL SIGN POLL. CONTROL	· · · · · · · · · · · · · · · · · · ·	
MARKER HOUSEKEEPING PREHAB.  PRODUCTION:  WELL SIGN HOUSEKEEPING EQUIPMENT*  METERING* POLL. CONTROL PITS DISPOSAL  GAS DISPOSITION:  VENTED/FLARED SOLD LEASE USE  LEGEND: Y - YES OR SATISFACTORY  N - NO OR UNSATISFACTORY  NA - NOT APPLICABLE  *FACILITIES INSPECTED: 60 C # Marker  REMARKS: 60 C # Nord selable with hermales Qual  ACTION:  ACTION:  WELL SIGN  HOUSEKEEPING  POLL  FACILITIES*  PACILITIES*  DISPOSAL  FACILITIES*  POLL  FACILITIES*  DISPOSAL  FACILITIES*  POLL  FACILITIES*  PACILITIES*  POLL  FACILITIES*  POLL  FACILITIES*  PACILITIES*  PACILITIES	W	ELL SIGN	HOUSEKEEPING	EQUIPMENT*	SAFETY
WELL SIGN HOUSEKEEPING EQUIPMENT* METERING* SECURITY SAFETY OTHER  GAS DISPOSITION: VENTED/FLARED SOLD LEASE USE  LEGEND: Y - YES OR SATISFACTORY N - NO OR UNSATISFACTORY SOW NA - NOT APPLICABLE  *FACILITIES INSPECTED: LOC # Marker  REMARKS: LOC # LOAD LEASE USE  ACTION:  ACTION:  WELL SIGN POLL. CONTROL PITS OTHER  FACILITIES* DESPOSAL  FACILITIES* DESPOSAL  FACILITIES* DESPOSAL  FACILITIES* DESPOSAL  FACILITIES* DESPOSAL  FACILITIES* DESPOSAL  ACTION:  FACILITIES* DESPOSAL  FAC			HOUSEKEEPING	→ REHAB.	OTHER .
LEGEND: Y - YES OR SATISFACTORY  N - NO OR UNSATISFACTORY  NA - NOT APPLICABLE  *FACILITIES INSPECTED: hoc & marker  REMARKS: hoc & road rehald with beam en a oad.  ACTION:  NF IN	\\	WELL SIGN METERING*	POLL. CONTROL	PITS	FACILITIES*
REMARKS: hoc & road rehald with hemmen road.  ACTION:  N - NO GR UNSATISFACTORY SOW NA - NOT APPLICABLE  POW POW POW POW POW POW POW POW POW PO			SOLD	LEASE USE	\
REMARKS: hoc # road rehald with hemmen road.  ACTION:  NF-FN  Task and all all a	LEGENI	D: Y - YES OR SI N - NO OR UN	ATISFACTORY SATISFACTORY <i>SOW</i>		West A pow
ACTION:  NF-FN  Tank  Ta	*FACILIT	IES INSPECTED:_	hoc & mai	ker	(303) 240 - 4800
NFIN  Int	REMARKS:	hoc & ro	ad rehabil	with bem	en sond.
NFIN  Int					
INSPECTOR: JM DATE 4/12/89	ACTION:_	NFIN			
	TNØFCTO	R:		-JW	DATE 0/12/89



Tenners Oil Co. Willow Creek E Fed. 769-2 Sw See 33, T195, R 2/E Gravel Co. 43-019-30431

7/12/89

# Division of 0il, Gas and Mining PHONE CONVERSATION DOCUMENTATION FORM

Well File   Total   769-2   Suspense   [] Other   (Return Date)   9/1/89   (To - Initials)   May 5   (API No.)   43-019-3043/
Date of Phone Call: 8/17/89 Time: 9 AM
DOGM Employee (name) Laler Sollis (Initiated Call H)  Talked to:
Name Brenda (Initiated Call []) - Phone No. (303)573-602, of (Company/Organization) (Lennus) & Chrompson
Topic of Conversation: PV A report
Highlights of Conversation: She will send Sundey showing will  W Pr A'd.

## J. C. THOMPSON INDEPENDENT OIL OPERATOR

410 - 17TH STREET, SUITE 1305 DENVER, COLORADO 80202



DIVISION OF OIL, GAS & MINING

September 8, 1989

Bureau of Land Management Grand Resource Area Office P.O. Box M Moab, UT 84532

Re: Federal 769 #2 Well (Lease U-0149769) Federal 104 #1 Well (Lease U-15104)

Grand County, Utah

### Gentlemen:

Enclosed, in triplicate, are Sundry Notices for the captioned wells. These are subsequent reports describing the procedure used to plug and abandon the wells.

Please contact Mr. Thompson or myself if there are any questions. Send one approved copy of each notice to us.

Sincerely,

Brenda K. Juechsel

Brenda K. Fuechsel

/bkf

**Enclosures** 

Cc: State of Utah Division of Oil, Gas & Mining 355 W. N. Temple; 3 Triad Center; Suite 350 Salt Lake City, UT 84180-1203

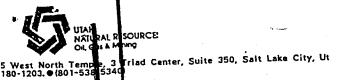
OIL AN	D GAS
DRN	RJF
JRB	GLH
<b>D</b> T <sup>c</sup>	SL <b>S</b>
<b> </b>	OFILM

ariene, as per your request of august 17, 1989.

5. LEASE

# UNITED STATES

DEPARTMENT OF THE INTERIOR	U-01497695 = 3	
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE N	ME
SUNDRY NOTICES AND REPORTS ON WELL	7. UNIT AGREEMENT NAME	
(Do not use this form for proposals to drill or proposals to drill or proposals.) The form 9–331–C for such proposals of the	8. FARM OR LEASE NAME	
1 all gas	Federal 769	
1. oil gas well other US SEP 11 1989	9. WELL NO. 2	•
2. NAME OF OPERATOR  T. C. Thompson DIVISION OF	10. FIELD OR WILDCAT NAME	
U.C. IIIOIIIDSOII	Calf Canyon	
3. ADDRESS OF OPERATOR UL, GAS & MINING 410-17th St.; Ste. 1305; Denver, CO	11. SEC., T., R., M., OR BLK. AND SU	RVFY OR
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17	AREA	,,_,
below.)	33 - T19S - R21E	<u> </u>
AT SURFACE: 1338' FSL, 2238' FEL AT TOP PROD. INTERVAL:	12. COUNTY OR PARISH 13. STATE Grand UTA	
AT TOTAL DEPTH:	14. API NO.	
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	43-019-30431	4
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB; A	ND WD)
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	6150 K.B.	
TEST WATER SHUT-OFF	• •	
FRACTURE TREAT	· · ·	
SHOOT OR ACIDIZE	(NOTE: Report results of multiple completi	on or zone
PULL OR ALTER CASING	change on Form 9-330.)	
MULTIPLE COMPLETE		
CHANGE ZONES		
ABANDON* LX (other)		
(other)		<del></del>
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state	e all pertinent details, and give pertine	nt dates,
including estimated date of starting any proposed work. If well is d measured and true vertical depths for all markers and zones pertiner	it to this work.)*	OIL AND GAS
1. Set 35 sx cement plug @ 3608	- 3385' (4% casing	
@ 3744, B.P. set @ 3608'). Fi	lled hole with mud	DRN RJ
to surface.		JRB GL
2. Set 10 sx cement plug at surf	ace, filled 45"/	DTS SL
8 5/8" annulus with cement.		010
<ol> <li>Erected surface marker showing</li> </ol>	g well no. p location,	
lease name.		T-AUS
	.000	DIN
Plugging completed November 10, 1	.988.	X-140
		3- MICROFILM
		्र्र − FILE
Subsurface Safety Valve: Manu. and Type	Set @	Ft.
,	_	
18. I hereby certify that the foregoing is true and correct	0.40.400	
SIGNED / / Warufur TITLE Operator	DATE 9/8/89	<u> </u>
(This space for Federal or State off	ice use)	
APPROVED BY TITLE	DATE	
CONDITIONS OF APPROVAL, IF ANY:		



Page \_\_\_\_ of \_\_\_\_

## MONTHLY OIL AND GAS PRODUCTION REPORT

	Ť					
	name and address:			MACERR	<u>जिल्ल</u> ा	
	name and address.			1111 X 1 and 1 120 . Sell L	<b>万(5 四)</b>	
1	Production C	AMPON 4	ė	Will Indian		NOOFO
Amoco • tenneco	Production Co	501-1		JAN 16 199	O Utah Account No. —	N0950
4162 SC	WILLOW RD.	1670 B	road	Way Divorce		4 / 89
enver ENGLEWS	00 CO	80111	8020	2 OIL GAS OF	Report Period (Mon	th/Year) <u>4 / 89</u>
ATTN: S	TEVE FOSTER	Lynn	Hi att	JAN 16 199 Way DIVIDION OF OIL, GAS & MININ	Amended Report	
	**	V				
				Production Volume		
II Name		Producing		Oil (BBL)	Gas (MSCF)	Water (BBL)
I Number En LOW «CREEK» E	tity Location	Zone	,	1		Ø
01930449 0033	5 20S 21E 4	DK-MR	Ø	$\phi$	$\varphi$	Ψ
PI-OW#CREEK#E#	FEDERAL 769-2		,		1	6
01930431 0037	FEDERAL 769-2 3 198 216 33	COMTN	P	P	$\varphi$	+
		PA'A				
		ļ <u>.                                    </u>	<del> </del>		·	
	**************************************	1-10-88				<u> </u>
		7-13-	87/			
		<u> </u>	1/_		Al	
```		<u> </u>			1	
		*				
2.11.000						
		***				
v - /- (1)						
		X.A.				
		**				
7 ( / )						
				3.20.90	DE DIS C	ha skd
w. v. C.		<del></del>	<del>. </del>		40 00	
		∭ .	.			V
				1	1	6
			TOTA	L — 9		
				-	•	
omments (attach «	senarate sheet if ne	cessary)				
Omments taccasis a					_	
			<del></del>			
<b></b>					1-12	- 90
3	report and certify	the informa	tion to	be accurate and comple	te. Date	
and acrieved this	, (CDO) ( BING CO) "')	-			2n i	82-178
shave reviewed this	A					
have reviewed this	Attas				Telephone	- 0 70 3 - 0
have reviewed this	Marians				Telephone	-82-5581
omments (attach s	Althrass				Telephone	